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A METHOD OF COMPUTING SPHERICAL BESSEL FUNCTIONS OF COMPLEX ARGUMENT WITH TABLES

W. J. Lentz

Army Electronics Command

Prepared for:

Atmospheric Sciences Laboratory

September 1973

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# A NEW METHOD OF COMPUTING SPHERICAL BESSEL FUNCTIONS OF COMPLEX ARGUMENT WITH TABLES

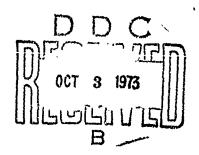
By

W. J. Lentz

## Atmospheric Sciences Laboratory

US Army Electronics Command White Sands Missile Range, New Mexico 88002

September 1973



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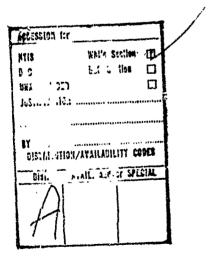
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#### INTRODUCTION

Spherical Bessel functions of complex argument find application in scientific computations ranging from electronic circuit analysis to the understanding of nuclear and Mie scattering. Yet tables of Bessel functions are presently limited to spherical Bessel functions of real argument and to nonspherical Bessel functions of complex argument of 0 and 1 order. Tables of the former may be found in Abramowitz [1], and tables of the latter in Lowan [2]. The generation of spherical Bessel functions of complex argument is not a trivial problem, even with modern high-speed computers, because of difficulties associated with each of the methods used for their generation.

To surmount these difficulties, it became necessary to develop a method which would be simple and accurate for machine computation, and which would incorporate a terminating condition. The result was a method based on a continued fraction representation of the ratio of Bessel functions of consecutive order.

The purpose of this report is primarily to present the new method of calculating continued fractions, and secondarily to present tables of spherical Bessel functions of complex argument against which this method and others may be checked. The development is placed in perspective by reviewing the advantages and disadvantages of the other methods and algorithms which might be used. Suggestions are made relative to the extension of the method to other functions of complex argument.

#### RECURSION RELATIONS

Recursion relations are the simplest and most common method of generating Bessel functions. The fundamental recursion relation is

$$J_{v+1}(x) + J_{v-1}(x) = 2v/x J_{v}(x)$$
 (1)

where J is the Bessel function of order v and complex argument v and v = m + 1/2 where v is an integer. This relation may be used with two consecutive orders to generate all the necessary orders by starting at low order and recurring upward or starting at an approximate high order and recurring downward.

Unfortunately both of these methods have ser]ous limitations. Lowan [2] has noted that the upward recursions are unstable when 2v/x is greater than unity, because the values of consecutive orders of

Bessel functions have common initial digits. Gautchi [3] has shown that the upward recursion has no digit accuracy after only seven recursions with 32-bit capacity for x=1.0. Therefore, even using double precision arithmetic, the procedure will not work for more than a very few consecutive orders.

Miller's downward recursion scheme [4] has solved the problem of accuracy at the expense of machine time and storage. By starting with an approximate value for high orders, one can recur downward with only roundoff error. Since downward recursions start at a very high order for moderate arguments, this method is impractical when only a few orders are needed. This technique also suffers from the same problem that the forward recursion has - once accuracy is lost in a term, all the following terms have lost the same amount of accuracy. In this case, roundoff error may accumulate so that the more significant smaller orders are very much more inaccurate than the approximate initial high order.

#### INFINITE SERIES

The infinite series for Bessel functions is seldom used because the series is computationally divergent for moderate x and small orders. When the series does converge, it converges slowly, and it is difficult to program. Infinite series representations of Bessel functions are therefore mathematically interesting but not very practical for computation.

#### CONTINUED FRACTIONS

Continued fractions have the advantage of being simple, easy to program, and accurate for machine computation. Unfortunately, they have been neglected in favor of recursion relations because or difficulties in determining the accuracy of a given number of terms in a continued fraction. The following development of continued fractions is intended to review their basic properties, point out the weaknesses in available algorithms, and to develop a method of generating Bessel functions which is free of these weaknesses.

#### Basic Properties

A continued fraction may be written as

$$f = a_0 + \frac{b_1}{c_1 + \frac{b_2}{c_2 + \frac{b_3}{c_3 \dots}}}$$

(2)

which can be rewritten as

$$f = a_0 + \frac{b_1}{c_1} + \frac{b_2}{c_2} + \frac{b_3}{c_3} + \dots$$
 (3)

The  $n^{th}$  approximate convergent to the continued fraction representation of f is written as

$$f_n = a_0 + \frac{b_1}{c_1} + \dots + \frac{b_n}{c_n}$$
 (4)

Continued fractions may be generated from a three-term recursion relation in a simple way:

$$\frac{J_{v-1}}{J_{v}} = \frac{2v}{x} - \frac{J_{v+1}}{J_{v}} = \frac{2v}{x} - \frac{1}{\frac{2(v+1)}{x} - \frac{J_{v+2}}{J_{v+1}}}$$

$$= \frac{2v}{x} - \frac{1}{\frac{2(v+1)}{x} - \frac{2(v+2)}{x} - \dots}$$
 (5)

So

$$\frac{J_{v-1}}{J_v} = 2vx^{-1} - \frac{1}{2(v+1)x^{-1}} - \frac{1}{2(v+2)x^{-1}} - \cdots$$
 (6)

This form is one of a simple continued fraction which may be defined as

$$f(x) = a_1 + \frac{1}{a_2} + \frac{1}{a_3} + \frac{1}{a_4} + \cdots + \frac{1}{a_n} + \cdots$$
 (7)

where  $a_i \neq 0$  and the a's may be negative.

Equation (7) may be written in the more convenient notation of

$$f(x) = [a_1, a_2, a_3, ...]$$
 (8)

The n<sup>th</sup> convergent is written in like manner:

$$f_n(x) = [a_1, a_2, a_3, ..., a_n]$$
 (9)

It has been shown by Wall [5] that all continued fractions may be expressed as simple continued fractions of the above form. In addition, Watson [6] has shown that the form of the continued fraction for Bessel functions is unique, requiring that all the n<sup>th</sup> convergents of the continued fraction in whatever form have the same numerical value. For example, all of the following are equivalent in the n<sup>th</sup> convergent:

$$\frac{J_{v}}{J_{v-1}} = \frac{1/2 \times /v}{I} - \frac{1/4 \times^2 /(v[v+1])}{I} - \frac{1/4 \times^2 /([v+1][v+2])}{I} - \cdots$$
 (10)

$$\frac{J_{v}}{J_{v-1}} = \frac{1}{2vx^{-1}} - \frac{1}{2(v+1)x^{-1}} - \cdots$$
 (11)

$$\frac{J_{v}}{J_{v-1}} = \frac{x}{2v} - \frac{x^2}{2(v+1)} - \frac{x^2}{2(v+2)} - \cdots$$
 (12)

#### Algorithms

It is now possible to generate the ratio of Bessel functions by starting with the last value on the right of Eq. (9) and working backwards to a. However, the minimum necessary value of n must be specified before the computation starts, since adding one term means the recomputation of the entire fraction. Gautchi [3] has made an estimate of the value of n for determining Bessel functions to a given accuracy. This method does not apply in general to continued fractions and is only an approximate estimate which is difficult to apply. Moreover, the tail-to-head method suffers somewhat from roundoff error when the difference between two values is near zero.

Another method of computing  $J_{v-1}/J_v$  follows logically from the relations

$$p_n = a_n p_{n-1} + p_{n-2}$$

$$q_n = a_n q_{n-1} + q_{n-2}$$
(13)

50

$$\frac{P_n}{q_n} = [a_1, a_2, \dots, a_n]$$
 (14)

where p is the n  $^{\mbox{\scriptsize th}}$  partial numerator and q the n  $^{\mbox{\scriptsize th}}$  partial denominator of the n  $^{\mbox{\scriptsize th}}$  convergent.

Wall [5] has shown that these relations are generally true for any continued fraction. Starting with the initial values of  $p_1$  =  $a_1$ ,  $q_1$  = 1,  $p_0$  = 1, and  $q_1$  = 0, one can generate successive approximants to the exact infinite continued fraction until the desired accuracy is obtained. This method is illustrated in Telchroew [7] and Abramowitz [1]. The former has noted that the values of  $p_1$  and  $q_2$  may grow so large as to cause overflow in the computer. Moreover, for negative  $q_2$  an initial number of digits may cancel, causing loss of accuracy in the m<sup>th</sup> convergent in exactly the same way as the original recursion relation (Eq. (1)). This forward ratio method leaves much to be desired.

By noticing that the relations in Eq. (13) are themselves recursion relations, one obtains a new method of generating Bessel functions:

$$\frac{p_n}{p_{n-1}} = a_n + \frac{p_{n-2}}{p_{n-1}} = [a_n, a_{n-1}, \dots, a_2, a_1]$$

$$\frac{q_n}{q_{n-1}} = a_n + \frac{q_{n-2}}{q_{n-1}} = [a_n, a_{n-1}, \dots, a_2, a_2]$$

$$\frac{q_n}{q_{n-1}} = a_n + \frac{q_{n-2}}{q_{n-1}} = [a_n, a_{n-1}, \dots, a_2]$$
 (15)

Note that the relation for  $q_n/q_{n-1}$  starts with  $q_1$  rather than  $a_1$  because

$$\frac{\frac{p_{n}}{p_{n-1}}}{\frac{q_{n}}{q_{n-1}}} = \frac{\frac{p_{n}}{q_{n}}}{\frac{p_{n-1}}{q_{n-1}}} = \frac{\left[a_{n}, a_{n-1}, \dots, a_{1}\right]}{\left[a_{n}, a_{n-1}, \dots, a_{2}\right]}$$
(16)

So the value of  $\mathbf{p}_{n}/\mathbf{q}_{n}$  is given by

$$\frac{P_n}{q_n} = \frac{[a_n, \dots, a_1] [a_{n-1}, \dots, a_1] \dots [a_1]}{[a_n, \dots, a_2] [a_{n-1}, \dots, a_2] \dots [a_2]}$$
(17)

Eq. (17) gives the value of the n<sup>th</sup> approximant to the exact continued fractions representation for a particular continued fraction. When the ratio

$$\frac{\frac{p_n}{q_n}}{\frac{p_{n-1}}{q_{n-1}}} - 1 < \varepsilon \tag{18}$$

where  $\epsilon$  is the maximum allowable error, the product can be terminated since all subsequent ratios will be unity. Eq. (17) gives a simple method of computing the ratios of Bessel functions of successive order to the number of significant digits in the computer. The specific formula for the Bessel function is

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$$\frac{J_{v-1}}{J_{v}} = 2vx^{-1} + \frac{1}{-2(v+1)x^{-1}} + \frac{1}{2(v+2)x^{-1}} + \frac{1}{-2(v+3)x^{-1}} + \dots$$
 (19)

Every other a is negative in Eq. (17), but the application is unchanged. Each numerator and denominator is generated from the preceding one by taking the reciprocal and adding the next  $a_n$ :

$$\frac{J_{v-1}}{J_{v}} \simeq \frac{[2(v+2m)x^{-1}, -2(v+2m-1)x^{-1}, \dots, 2vx^{-1}] \dots [2vx^{-1}]}{[2(v+2m)x^{-1}, -2(v+2m-1)x^{-1}, \dots, -2(v+1)x^{-1}] \dots [-2(v+1)x^{-1}]}$$
(20)

Since both the numerators and denominators alternate in sign, it is simpler to consider all a positive, and to generate each successive term by taking the reciprocal and subtracting from the next a. The  $n^{th}$  approximate convergent is the product of all the preceding ratios, and the fraction terminates when the  $n^{th}$  ratio in Eq. (18) is unity.

It may be noted that the order of the terms in the simple continued fraction has been reversed between Eqs. (8) and (17). This means that it is not necessary to decide how many terms are desired before the computation, as in Eq. (9). Because the successive numerators and denominators of Eq. (17) are tending toward the same finite value, there is no large growth in the numerator and denominator as in the use of Eq. (13).

An advantage that is not immediately apparent is that a particular not convergent being near zero or very large is no disadvantage. Although the computed not happroximant will deviate slightly from the theoretical value, the noconvergent will converge back to the correct value. In other words, the no approximant is slightly self-correcting.

The continued fraction converges very quickly and does not require significant storage. This first ratio usually requires the largest number of terms, and for x = 1.0 and v = 1.5 with 64-bit capacity, only nine terms are needed. A sample calculation follows:

$$x = 1.0 v = 9.5$$

$$\frac{J_{v-1}}{J_v} = \frac{(19) (20.94736842) (22.95226131) (24.95643131) (26.95993017)}{(21) (22.95238095) (24.95643154) (26.95993017)}$$

$$= 18.95228198$$
 (21)

This value is identical to the handbook value [1].

The development has made no restrictions on the form of the argument or order, so they can both be complex and positive or negative. Near zeros of the Bessel functions it should be noted that the accuracy may drop to ten places rather than ten significant digits. The actual spherical Bessel functions rather than their ratios as in Eq. (19) are found from

$$j_{o}(x) = \sqrt{\frac{\pi}{2x}} \quad J_{1/2}(x) = \frac{\sin(x)}{x} \qquad \qquad y_{o}(x) = \sqrt{\frac{\pi}{2x}} \quad J_{-1/2}(x) = \frac{-\cos(x)}{x}$$

$$j_{n}(x) = \frac{J_{n+1/2}}{J_{n-1/2}} \quad \frac{J_{n-1/2}}{J_{n-3/2}} \quad \dots \quad J_{1/2} \quad \frac{\pi}{2x}$$

$$y_{n}(x) = \frac{J_{-n-1/2}}{J_{-n+1/2}} \quad \frac{J_{-n+1/2}}{J_{-n+3/2}} \quad \dots \quad J_{-1/2} \quad \sqrt{\frac{\pi}{2x}}$$
(22)

#### **ACCURACY**

A comparison between the accuracy of a double precision 64-bit and single precision 32-bit program was made for the real values of argument tabulated in Abramowitz [1]. The agreement between the double precision routine and the handbook was exact for 10 significant digits for all arguments. By comparing the single precision version to the double precision version, it is estimated that the last tour of the 16 digits would be subsentiale to rachine roundoff. Therefore, the table is reproduced to 10 to recommend for the additional possibility of roundoff err

#### OTHER FUNCTIONS

Many known functions have been expressed in 1. Int. of continued fractions, and they may be evaluated by Eq. (17). Abramowitz [1] has listed one form of a continued fraction representation for most of the

functions in his handbook. The form of any continued fraction may be changed to inat of Eq. (7) by the following transformations:

$$f(x) = a_0 + \frac{b_1}{c_1} + \frac{b_2}{c_2} + \dots = a_0 + \frac{d_1b_1}{d_1c_1} + \frac{d_1d_2b_2}{d_2c_2} + \frac{d_2d_3b_3}{d_3c_3} + \dots$$
 (23)

The only requirement is that a be nonzero; if a is zero, this requirement may be met by taking the reciprocal of the continued fraction.

The continued fraction technique will converge with fewer terms than any other current method and is specifically adapted to machine computation. Although mathematically equivalent to recursion relations, the continued fraction technique gains accuracy from the fact that the product of two numbers in the computer does not lose accuracy, as does the difference of two numbers.

#### **ACKNOWLEDGEMENTS**

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#### APPENDIX A

#### USE OF THE TABLES

The following tables contain 100 orders of spherical Bessel functions of the first and second kind for the same argument on the same page. The real and imaginary parts of the spherical Bessel functions of the first kind  $j_n(x) = \sqrt{\frac{1}{2}\pi/xJ}_{n+\frac{1}{2}}(x)$  are presented on the left side with the appropriate order n, and the spherical Bessel functions of the second kind  $y_n(x) = \sqrt{\frac{1}{2}\pi/xY}_{n+\frac{1}{2}}(x) = (-1)^{n+\frac{1}{2}\sqrt{\frac{1}{2}\pi/xJ}}_{-(n+\frac{1}{2})}(x)$  are in like manner on the right side of the page.

Beyond the 20th order, the missing orders can be found by a downward recursion for f (z) and by an upward recursion for y (x). The spherical Bessel<sup>n</sup> functions of the complex conjugate of the argument presented here can be found by raking the complex conjugate of the results in the Table. Since these Tables are intended as check values, interpolation should not be attempted between values of argument.

In those few cases where the value of the spherical Bessel functions exceed  $10^{\pm 300}$  a scale factor of  $10^{+300}$  was multiplied by the  $j_{\rm n}({\rm x})$  and  $10^{-300}$  was multiplied by the  $y_{\rm n}({\rm x})$ . These scale factors are indicated by a sudden break in the order of magnitude with increasing n since the initial values never exceeded the scale factor.

Many of the more useful relations among the spherical Bessel functions may be found in Abramowitz [1]. If these relations are used to check the table, it should be noted that the initial values of  $\boldsymbol{j}_{\mathrm{O}}$  and  $\boldsymbol{y}_{\mathrm{O}}$  are given by Eq. (22) and that the last or highest order being correct depends on all the lower orders being correct.

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000000 COND K	EAL BESSEL	00+0002666666**-	50000000000+00	.7499997500+00	.37500000000+01	.1312500187+0	.1312500000	-•649687440¢	-,844593750(	-,63344535	6334453126	.1023014126	.2148329777	.2470579351	.2470579244	-,8338204639	2418079435	3748023245	-,3748023125	,2164483292	,800858841	.1561674780	4457947674	-,2719348127	3804108754	3804108711	.4061150716	.4101762267	,3247053139	.3247053121	<ul><li>1385241231</li></ul>	-,1953190149	247798712E	2477987122+07	.1552	.2809537281+12	97531	960435765+17
!! ×	z	0	**1	N	Ю	#	ល	တ	7	80	σ	10	11	12	13	14	15	16	17	18	19	20	30	31	040	41	20	51	60	61	70	71	80	81	90	91		100
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.10	EAL RESSEL	00+000000000	33334000-0	904761905-0	1904761693-0	.4232804233~0	3848004144-	.3946670614-0	3946670341-0	64314189H-	2443759010-	10119	1011908404-	8095267557-	2998247347	.6670182971-	66701R2764-	042535131-	1155010069-	1600845515-	1600845474-	7809002501-	2918533262~	918533208-1	1622676948-1	1955032491-	183483745~2	1183483725-2	1272609736-27	1034642070-27	1060829665-0	1790150078-02	1253271274-07	7688780813-07	3457733	9724876978-12	8444702798-1	8402689331-17
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16	5791	000000000	16	1918990935+052	1300000000
11	511	000000000	17	•	,000000000
18	2193	0000000000	18	2216434121+059	000000000
19	1266	000000000	19	•	000000000
20	6229	00000000	20	3198313968+066	000000000
30	6111	00000000	30	•	
31	9906	00000000	31	•	0000000000
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61	635851237-22		61	•	ĕ
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71	210020637-26	0000000	7.1	•	õ
80	139843234-0	00000000	80	5449152994+004	ĕ
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66	500080180-0	00000000000	66	470	00000000
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	SINARY RES	01490087	1960592101+00	-,8706243131	-,5708252655	-,4895412632	-,5163904053	-,6449633915	-,929174788	-,1514698774	2753049650	5513971976	-,1205347955	-,2852823923	-,7260761351	1975400996	5714999714	1749915197	<b>-</b> ≈5646530358	1912296259	6771025336	-,2496986428	-,1298106283	,7262773349	.5272182396	,4533869719	,1970981343+181	,1894372683	.1039835635	.6417458180+224	5871	121	1158	40104902	3793433	158573890	50873474	414320803
1000000000-002 AECOND KIND	REAL BESS	990049010	ı	i	•	ł	•	*	;	5	•	•	i	ŧ	1	1											7660863994+180	1	i	6164552837+	4690590671+	-,5883008694+	,7918260948+	.1828850502+	,6512742915+04	.1210392203+05	744853275+08	30825927+0
  X	z	0	**	N	Ŋ	at	ß	9	7	8	σ	10	11	12	13	14	15	16	17	18	19	20	30	3	0 †	41	50	51	9	61	70	71	80	81	90	91	66	100
1 IMAGINARY	MAGINARY	33300333-005	3333233667	1333314476	2847593121	4190448290	4713876301	4292429927	3281693597	2160677021	248232582	418546281	2971168742-033	249503365	809831617	1705377593	598731961	709464735	872509002	1300538145	3259007709	682817209	333770893	5387308174-197	412548396	52838058	488816863	36971638	767659521	30568983	47538145	5286074041	1684966245	021308413	475464460	0578025	0173	332479246
× # #	EAL BE	999835001	33330100	599955233	238047593	948107191	562789304	30108096	3914559913	2109642013	9966182441	4151405280	525891747	4915099845	357628374	3022914478	250118302	08671136 <sub>8</sub>	051817991	.2952521192	1060	.3454704950	.6439766506	037794345	253073673	339540801	247361131-1	646837710-1	524679672-2	278338438-2	115476906-2	20330	2023353863-0	2750430	7111066732-0	0-94644240	218481522-0	051434582-0
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.000000000 SECOND KIND	REAL BESSEL	1004987507+0	3005012479+004	01252400	1059750375÷U08	-,9455251876+009	1039972631+012	1751869868+014	2027700805+016	3446956181+018	6549013975+020	-,1375258465+023	-,3163028980+025	-,7907434923+027	-,2134975799+030	6191350743+032	-,1919297380+035	6333619442+037	-,2216747612+040	8201902827+042	-,3198719935+045	-,2921808238+072	-,1782298073+075	-,7978299122+100	6462412189+103	2725529789+130	-,2752782334+133	-,6973286451+160	8437670746+163	9519647748+191	1342269648+195	5449322640+223	-,8773406024+226	315650+25	1977090717+259	9988878+28	-,6666476167+288
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11 1	RESSEL.	いつつだがい		5185	0577	6163	3975	9318	90120	15269	2715	1615	2646	6839	6151	2102	5788	45111	12192	1262	6250	56107	89059	15474	8643	6326	5268	1851	6354	450071584-1	209842781-1	1398086202	992693519-2	057938380-2	763901571-2	500043239-28	462903513-28
REAL X	z	<b>&gt;</b> •	4 6	ı m	त	ល	9	7	Ø	6	10	11	12	13	14	35	16	17	18	19	20	30	31	40	41	50	51	60	61	70	71	80	81	06	16	66	100

	S	950865584+00	960617071+0	8711131684+00	5711164130+00	<b></b> ,4897567786+0	5165882320+0	6451815193+0	~,9294560069+0	-,1515113867+0	2753739653+0	-,5515246749+0	<b>1205606908+0</b>	2853397160+0	7262133774+0	-,1975754066+0	5715970200+0	-,1750198789+0	5647407394+0	1912582129+0	6772003669+0	2497336690+0	1298633740+0	.7260892793+0	.5272461680+1	.4534111831+1	.1971086570+1	.1894474041+1	.1039920402+1	.6418222485+1	4765340464+1	7307453783+1	-,3554766647+2	5540284779+2	-,2413895538+2	3158725613+	50890847+2	.2414364184+288
1000000000-001	REAL BESSEL	9851030	9754807204+00	2829	1356	9003	7585	7697	9076	1209	4.1	- 2832	4743	8055	1287	~.1500	.1364	.2173	,1281	.6389	.3044	.1437	• 2500	,1518	,3811	.2634	-,7661	-,9632	m.5041	6164	.0694	5883	.7918	.1828	.6512	,1210423247+2	.1744901961+28	,3230917500+28
11	E. Z																													61	70	71	80	81	90	91	66	100
.000 IMAGINARY	IMAGINARY BESSEL	.3330034484-003	-,3323372499-002	1331448386-003	-,2845027202-005	-,4187686788-007	Ť	•	-	•	•	•	•	-	-	•	•	•	•	•	•	•	•	•						,2636566861-1	6747250734-1	-,5285839868-1	-,168491681	-,1021279445-2	3475409862-2	1510559822~2	050943623-28	6332275106-28
11 L	EAL BE	983507832+00	330101072-0	595524460-00	23331642-00	944053106-00	65988	29930	91362	10921	14496	15079	52571	91466	35756	02298	425116	4081304	604971	295182	109031	3454134	643925	03771	.125301	133948	24725	164672	152461	27828	11524	520316	202319	227491	711085	4075628901-25	218432611-	051412288-28
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	IMAGINARY BESS	T00+02/24642043	6400124896+002 2113993779+004	922559979+005	-,443,3601499+007	-,1705343600+009	.4919192039+010	.2974748233+013	.6371476067+015	.1126137585+018	.1777014854+020	.2376101093+022	.1877688220+024	-,3419121831+026	<b>2490950444</b>	9416111170+031	-,2878665031+034	7494181633+036	-,1536663712+039	1333088453+041	.9420631141+043	-·8840204746+070	3838620353+073	13;0184884+098	3480574019+101	.9177088661+127	.7102787814+130	.6275810375+155	.3797627959+160	3445983457+188	4018999061+191	,9276956202+218	2934376356+222	*4153200328+251	.6684962701+254	3290962235+280	-,2478367132+283
5000000000000000000000000000000000000	SSEL	/950010455+0001	4849906220+002 3880124948+003	2580787484+665	.4084796998+007	.4529682299+009	•4736503128+011	.4669712299+013	.3818332168+015	.8598610524+016	-,7252038680+019	2711043575+022	7174250562+024	-,1622593844+027	3135465803+029	4384615888+031	*8024439957+032	.4011988262+036	,2172541339+039	.8704944538+041	.2923882771+044	.2148289303+070	,3229779075+073	8122131889+098	-,4838630451+101	-,7729954542+126	-,4332128000+130	,7720815958+157	.7443368411+160	233922331+187	,1679671787+191	-,6411872228+219	8855923668+222	.9269760877+250	-,1664657340+254	.3468394717+280	.8141289404+283
11 ×	<b>z</b> (	<b>&gt;</b>	N	ĸ	#	ល	9	^	œ	σ	10	v-i v-i	12	13	14	15	16	1,7	18	19	20	30	31	0 17	41	20	21	60	61	70	71	80	81	06	91	66	100
IMAGINARY	IMAGINARY BESSEL	200#C0801+C001.	1662084859-001 6659524719-003	-1308845872-004	-,1586970778-006	-,1232647416-008	ß	,1114312149-013	.3806503729-015	,3575593208-017	,22:2781697-019	.9987775250-022	.3179737658-024	.5057440141-027	-,1588391518-029	1727982203-031	-, A531755109-074	3005162257-035	8008770063-039	-,1503817891-041	1074888794-044	-,1553497553-070	-,2751719741-073	.4013998404-099	-,2879297922-102	.8931206715-128	.1040080437-130	-,4211760612-158	.7075100AB5-163	1583307042-188	1432634949-191	.4893600374-220	.8422127344-224	.9005861546-252	*6924278623 <del>-</del> 255	-,8837042350-281	-,3599098624~284
X = .1000000000+000 FIRST KIND	U. C	996/496338r000	.3332498587::001 .5002080916::003	2387232838-005	-,4620838244-007	1141572634-008	1352306074010	1071255905-012	5973787298-015	2142337722-017	1687859105-020	.4076770087-022	.3628350508-024	.1932698800026	.7536496264-029	.2174934700-031	.39725r.828h-034	8784348275-038	42877;1872-039	212-1.48071-041	7015869171-044	.3601674527-071	6612481269-074	.1280758428-098	.1784891065-101	-,3563230379-128	.8761004950-132	<b>-,8597554698-158</b>	8701983877-161	,9307202552-189	.97248RU881~193	.7041580943-220	.5821094654-223	-,7331129381-252	-,1545462017=255	-,3205707155-281	-,3793150002-284
REAL	z	<b>&gt;</b> •	<b>⊣</b> α	n	#	ເດ	9	7	æ	σ	10	11	12	13	14	12	16	17	18	19	50	30	31	40	41	20	51	90	61	20	71	80	81	90	61	66	100

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		GINARY BE	111	02500000+0	.7524875417+0	9958333+0	0623127+0	1249063+0	2777967+0	5873906+0	6330228533+0	1076856820+0	3552450+0	.1023014127+0	9504823+0	5447573+0	1292555+0	8204742+0	5813876+0	1236847571+0	5101684+0	2164483323+0	1274257+0	4458703268+0	7947727+0	3803627142+0	3081328028+0	4061560955+1	1150752+1	5780239+1	8934252+1	5340895+1	5241239+1	7831256+2	3989559238+2	552317256+2	552230541+2	10310817+2	960286981+2
.10000000000	SECOND KIND	EAL BES	49916722+0	999972222+0	474874584+0	49987500+0	314373123+0	375+	90965470+0	547+0	338674469+0	6334452584+0	22475593+0	148329508+0	471653153+0	0579159+0	335116107+0	418079281+0	3749231956+0	748023055+0	153864837+0	008583102+0	62075115+0	4457192099+0	719348089+0	04590208+0	804108696+0	6074052141	101762246+1	247325962+1	47053108+1	385141579+1	53190144+1	478142953+2	477987108+2	52143823+2	809537277+2	312308+27	9605845124
11			0	<b>-</b> -1	ณ	ĸ	ŧ	ស	Ø	7	Ø	σ	10	# #	12	13	14	15	16	17	18	19	20	30	31	40	41	20	51	9	61	70	71	80	81	06	46	66	100
00+000 IMAGINARY X		MAGINARY BE	3331746-002	3326661907-0	1333332275-0	1906877345-0	,3848003519-0	845042859-0	920004759-0	3948991573-0	2443758809-0	2442594946-0	.2327389220-0	1012313133-0	2998247188-0	2997213198-0	2067756618-0	6672203945-0	1155010024-0	1154697833-0	6243297304-0	1601235917-0	1816047079-0	1838675927-0	9189822255-0	955032463-0	954802451-0	218988243-1	183596444-1	+642061-1	034559288-1	559914604-1	1790273532-1	688780819-2	688314823-2	779652481-2	402614-2	445122902-2	5826-2
.1000000	IRS	EAL RE	66	339995236-100	904761584-00	.190264	232802753-00	.3850962864-0	946670410-0	944348432-0	643141316-0	2444922335-0	011908420-0	.1011503606**0	095267040-0	.2999280955-0	.66701R2870-0	6668161410-0	4042534975-0	155322162-0	1600345498-0	600455017-0	809002299-0	.2918533242-0	918084215-	622676937-0	955262458~0	183483734-1	183371018-1	272609732-1	034724830-1	.1790150076-1	790026614-1	253271272-2	689246796-2	724876954-2	724351276-24	4442826	402689321-27
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.500	IRST	EAL BE	346732161+00	871826040+00	1408712410+00	3641021654-00	555819643-00	021859204-00	918372227-00	9672014443-00	1031874735-00	00-520026490	374456181-	107266356-00	351013338-01	639236959-01	860450967-01	135354663-01	094067976-01	7969113146-01	4249572207-61	919335828-02	7337414792-02	157711754-03	7886304778-03	355433715-05	607532472-05	017351609-07	253676723-07	279412109-08	398853363-09	461670596-10	316820890-11	765299842-12	395879181-13	175498973	5312-1.5	44	V 100 0 0 0 100
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00			080094372+0	80+0	266931543+0	883555225+0	3030-0	38850084+0	813799839+0	860648892+0	837653541+0	51818+0	031+0	260531379+0	252868+	229259150+0	326153+0	958652334+0	168870+0	33837+0	030182215+0	557212352+0	314378410+0	53471+0	246092182+0	29019156+0	463942679+0	3525887+0	361932114+0	419689+0	177846192+0	27159443+0	694989481+0	381949172+1	153648611+1	8962+1	93306116+1	.1108574998+137	778078502+13
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.50000000	FIRST	EAL BE	11220369	947440394+00	659080337+00	2587688377+00	93950	280479701	3626713689-00	1449397716-00	4576290273-00	4181174533-	859333976	7392827835-0	418240274	8396656178-0	7647181525-0	6083043680-0	8604516507-0	2396104471-0	6703531177-0	1711232368-0	3796705037-0	4906699530-0	8177388338-0	3233107557-0	079883018-0	191248798-0	13296635770	1041467353-0	179750847807	729612234**08	787365840109	07346789-1	060223394-10	039718713-12	1603470703-12	180502700-13	10615265
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.100	IRST AL	CAL 7.41471	011687675+00	6203501199-00	900655	011016	25602	156832	79003	82642	49132	11623	099382	24158	60428	58943	5132,49	55652	45057	203672	08821	53636	56441	83429	537013	852009	61094	50582	17831	579833	740540	179193	132763907~	949173069 <del>-</del>	024088409-	745236	489101161-	407909203-
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0000000		REAL	5401911536+00	1381481928+00	-,360317343	1662786922+00	1127362208+00	9974039892+00	<b>1085114509+00</b>	1399557851+00	2086609248+00	3529708683+00	6678221833+00	1397215426+01	-,3202737079+01	7981638882+01	2148596563+01	6212933130+01	-,1920567147+01	6320168064+01	2205899269+02	-,8139020518+02	3165270055+02	-,2801796135+04	1702977439+04	7348424639+05	5924836707+06	-,2384683217+07	2394579727+08	5722403081+09	-,6874552816+10	7220011059+12	1009119756+12	3754135528+14	5979841851+14	-,6692829235+16	-,1195664315+16	-,1805746775+18	-,3537035175+18
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	IRST	EAL BES	414829415+00	0117753394	203104957**001	004228348-002	010450498-002	247251341-004	146511796-005	780287709	818712892-007	486076807008	084867490+010	082656870-011	233531132+012	568968241-014	575200890-015	079103227017	538129200-018	390956996*020	185530394021	036190612-023	395299710	326462134042	430609812	419703010-060	703495805-062	180842525-080	071611126~082	772227452-101	891064242-103	698796340 <del></del> 122	951799276-124	949496353*144	826960776-146	1500498191	-867669669	252122749-187	043085922-1
REAL		Z	0	<b>+</b> 1	Ø	ю	4	ໝ	တ	7	æ	σ														04)												σ	

IMAGINARY BESSEL 1372158621+000 2184080882+000 9134395054+000 5999127356+001 5116484669+002	6673743507+004 9580271204+005 1557228603+007 282361911+008 1231797739+011 2911330740+012 7400744712+013 2011392713+015	5613881634+016 1778797695+018 1941390079+621 6870564071+022 2532614187+024 7070996556+043 55300460231+059 4558385350+099 1961637123+079 19816824-120 478816824+120 7328748677+122 5558301251+144 5566235694+1464 5558301251+144 5558301251+144 5558301251+144 5558301251+144 5558301251+144 5558301251+144
100000000000000000000000000000000000	8110903929+604 9500045976+005 1260505758+007 1850035524+008 2936475865+009 4913477561+010 8354658598+011 1342,444903+013 1601942536+014	.1169073474+015 .2151023807+017 .1283882178+019 .6434605474+0120 .3067150132+022 .1449000649+024 .2521474403+041 .1530609760+043 .3842284335+059 -7679249611+078 -5061769586+061 -506176958+1010 -4710752144+120 -5908895457+122 .792052235+114 .1531029763+164 .1213531481+167 .1749777194+185
	8 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	1009 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
IMAGINARY BES 3014639475-00 2393554972-00 1152287122-00 2596228860-00 3918264271-00 4472756359-00	4111960197-0053164901413-0062094180024-0071214470496-0082906867930-0111224995266-0124723759869-014	5514056876-0171685560127-0184809339340-0201284876083-0213522510655-0239858227630-0439858227630-0439858227630-0439858227630-0439858227630-0439858227630-0431402647477-0604468500461-0504718566453-1015564483326-12415087388604-1451508738800-1681518738604-1451518738604-145
.10( EAL BE 426672 020546 163451 5452453	5612383 282383 206640 979186 409026 409026 4871223 302918	
SEANOHOZ AL	A F & & & & & & & & & & & & & & & & & &	1000 000 000 000 000 000 000 000 000 00

		IMAGINARY	-,59	75	5	10	641.	20	• 28	.28	.63	4.	• 18	•24	80	-, 31	24	76.	29	876	.15	45.0	.91	90	-,38	12	3. 3t	.92	.72	.30	.37	100	04 6	138 ,94	029	159 .41	162	104
•	COND		i	ì	2 9027982649+000	٠	*	٠	•	٠	٠	٠	i	i	i	ľ	i	•	٠	٠	•	٠	٠	٠	•	•	•	i	:	•	٠	i	•1669942742÷	6423934569+	-,888536884	*904046	91 - 1649748940+	
-001 IMAGINARY X		X.		125	ູໝຸ	.12	15	.12	54	78		4	22	66.	.32	.53	14	16	-,83	62.	79	15	11.	- 15	12.	04.	-,2763200775-061	.8881907607-078		4233530936-098	36	15	.14	49	85	.8967786921-162	4906245642-16	)
.100	IRST K	EAL BESS	717112	236338	80-00	983360257-00	769316	06288	13021	05087	9537	1871	1296	82086	5206	8993	6024	1760	9640	3176	146	08889	1946	7017	36623	2726	77875208	593139869-07	241362792-	554675488-0	676389126-1	337682252-	018779524-1	010701495-14	805464892-14	340556505-1	60	
REAL		Z	0	+1	ત	n	<b>a</b> t	ດ	9	7	ဆ	σ																			.61							

	AGINARY	113138654	7486118459+000	9967462	90273054	108952384	71928817	.7053207594+003	•6485953002+003	5896419519+005	1074746777+007	-,1075238915+008	1022486444+008	2360650740	171078407	<b>6</b> 40762469	336146345	625060592	236243175		164171036	521095870		457726822	755644142	081087289	101960292	061080275	219650682	528797835	95170544	5229117	462352759	89481322	60877678	552223	10304130	945521495
1000000000+001 SECOND KIND	L BES	7583840	2618952+00	9410857+0	4606475+0	9577715+0	30635334	930+0	84164452	7400296	6329041795+005	6762357	.2145638514+009	5753939	.2469726864+010	0232966	416535	-,3866817069+015	7473283	1017141	3964500	.1601171447+021	4381730556+036	7189703	8519479	9040040	.4019918	.4101557	,3274222	.3247014243+	1375239195+	1953140321+	-,2493522194+	2477970565+13	.15435	803493923+15	75273586+17	.2975274489+172
!! ×	z			N	Ю	4	ເດ	ø	7	80	σ	10	11	4	44 10	14	17 12 12 13 13 13 13 13 13 13 13 13 13 13 13 13	16	17	18	49	20	30	31	07	47	50		80							46		100
IMAGINARY	IMAGINARY BESSE	333+000	2620	-,1322757489+00	-,2106539599-00	-,3844715465-00	.3542332861-00	0-6840048065	.4172622399-0	.2442915699-0	2324893692-0	-,2325365821-0	-,1051626675-0	-,2997691419-0	.2893208825-0	.2066746151-0	.6869396351-0	,115487683	1123396611-0	-,6241345333-0	1639433168-0	<b>1815903988-0</b>	.1838451451-0	.2963097073-0	.1954988406-0	-,1931900396-0	-,1218931892-0	1194702180-0	34631200-0	026332423-0	559852881-1	802453853-1	8734318-1	10-13	9626200-15	7303061-1	486612575-17	71-1
X = .10	EAL B	667107481+00	3950	901	1683	4218	4133	*3944	3708	4637	2557	011	9706	.8090	3099	69999	6465	040	1185	1600	1581	7806	2918	2873	622	1977	183	172	1272558351-0	1042886527-09	1790136080-11	1777762316-11	253247975-13	7735239703-13	724830108-15	9672163751-1	.8402586018-17	402588374-17
REAL	z	0	<b>~</b> 1	ત્ય	K	<b>a</b>	Ŋ	Ø	~	ω	σ																									91	Ō	

KEAL	x = .100	001 IMAGINARY X	11	+30000000000	
	IRST KI			SECOND KIND	
z	EAL B	MAGINARY BES	z	REAL BESSEL	IMAGINARY RESSEL
0	470968822+30	00225544+0	0	984967225+00	474849405+00
<b>-</b> -i	6319964	4+00	**1	-,1530017278+001	1652220317+001
ત	0118730534	9914896055+0	Ŋ	9569741234+00	021677599+00
Ю	45355688	13601	ריז	482785768+00	30119+00
#	816391611-	514499699+0	\$	0119782-00	55962-00
വ	987552231-	1059878664-0	ໝ	659195258+00	36223+00
9	070687016-	02081986-0	9	3008473+00	31379+0
~	295513341-	1485812559-0	~	374337920+00	96875+0
ω	278005135~	5521143-0	α	-,2629337529+001	54733+0
σ	136684778-	5806853405-0	φ	7331+00	58219+0
10	469570534-	757203593~0	10	8803965359+00	1430121206+0
4	790307089-	1020112143-0	11	7425453585+00	8616495290+0
12	902611553-	9	12	5729+00	0+
13	547377086-	9	67 67	025214867+00	9
7.	051062720-	9	7	677880364+00	9
12	821270967-	9	12	2764343776+00	4632294525+0
16	507341317-	9	16	507866142+00	4019768069+0
7,7	063237638-	9	17	164809652+01	9
8	236199311-	9	<b>1</b> 8	296115939+01	9
67	056504384-	P	13		9
50	164604592-	Ŷ	20	772309336+01	7782489727+0
30	753765827-	9	30	876378106+02	Ć,
31	580236148-	9	31	0756400+02	0
40	531063078-	9	0 †	476720033+03	9718694+0
41	792257992-	9636232-0	<b>#</b>	04903575+04	9
20	465692331-	0817579-0	20	29649943+05	9
21	72556472-	635039536-0	51	6+05	2298615150+055
9	186103202-	652368208~0	9	33124756+06	1789833+0
61	259608179-	32118-0	5	72+07	360829035+0
20	522276586-	1595-0	70	3670+08	75482738+0
*	298657510-	1087142716-0	7	74289669+08	14190986+0
80	168537463-	841522554-10	80	5682+10	802876726+1
81	339225812-	22956902-1		034+10	-,8172184875+103
06	55430334-	328947006-12	90	81275514+11	62856982+1
91	616101538~	65462102-12		61757014+12	3994119+1
66	32377	52421958-13	66	46623141+13	9535503341
00	443715711-13	.5319994602-139	00	535415+13	-,9446320982+136

1	1	X 0 4 7 1	i	************	
F.A.	X = .10006000000+001 FIRST KIND	OUI IMAGINAKI X	<b>3</b> i3	. LUUUUUUUUUUUUUU KIND	
z	ш	IMAGINARY BESSEL	Z	REAL BESSEL	IMAGINARY BESSEL
<b>\to</b>		.8586404396+003	0	.8586404355+003	-,6809115577+003
+-1	,7803682292+003	6049931815+003	+	-,6049931793+003	7803682336+003
N	-,4780313563+003	6448179907+003	Ŋ	6448179853+003	.4780313589+003
'n	-,4848163207+003	.3364223125+003	ĸ	,3364223093+003	*\\$48163280+003
#	,2112662462+003	.3321230772+003	\$	.3321230666+003	-,2112662505+003
Ŋ	.2076907689+003	-,1185701357+603	ß	1185701296+003	2076907860+003
တ	5951066814+002	-,1188387892+003	Q	1188387593+003	.5951067723+002
7	-,6238974003+002	,2667616426+002	~	.2667615031+002	.6238979692+002
Φ	.1062679943+002	.3014256608+002	60	.3014244952+002	1062682079+002
O	1344339703+002	3715970930+001	σ	3715940642+001	-,1344365370+002
10	1107403189+001	5552051349+001	10	-,5551446246+001	.1107433243+601
<b>+</b>	-,2129780034+001	2550625346+000	77	,2590955705+000	.2131301092+001
2	.3245936942-001	.7610516509+000	12	.7569902751+000	3206783389-001
13	.25402332134000	.9661610266-002	1	.7654086412~002	-,2655003698+000
77	.9619768037-002	-7939659908-001	14	4519666944-001	1844609337-001
15		-,4837537421-002	15	.3233440530-001	.1304485792+000
16	-1920535139-002	6425268003-002	16	3452716375+000	.1577289805+000
17	1569825212-002	.6618666106-003	17	5604980449+000	1207028619+001
18	2055902750-003	4093852747-003	18	,4299158618+001	2864860836+001
13	9478172896-004	<b>-</b> 5868694134-004	19	.1273047209+002	.1590691810+002
20	1557621864-004	,2073512606-004	20	6080618484÷002	.5816440459+002
30	1416632738-011	4997725807-014	30	-,1233289634+009	-,1087565199+010
31	2173787040-013	-,2196849188-012	31	.6675199431+010	-,1405093034+010
40	-,1947222342-020	-,2805079655-020	40	.3063470534+018	.1679102280+018
17	-,3559401027-02;	.1990340554-021	4.1	-,1125545441+019	.2627655369+019
20	<b>-</b> .2699328568-030	.7016497767-030	20	1145899134+028	.5830902269+027
27	6497010553-03%	,3260514131-031	51	7023889486+028	-,1099621446+029
60	2327337503-040	5260182535-041	60	.4069540531+037	3376324173+038
61	2393803454-042	-,1922297944-041	61	.4121499755+039	.8922270731+037
0.	1077250239-051	-,1030505403-051	70	.3567044170+049	,3040852014+049
5	<b></b> 7915544902-053	6787954077-053	71	3771469254+050	.5427628761+050
80	4128529695-064	,2260638562-063	80	2563799252+061	.7422995947+060
81	.1356876501-064	.3895426804-065	81	-,1595011636+062	3985045020+062
90	.9550447634-076	-,4039140231-076	06	.1553498128+073	-,5035622780+073
91	1683573673-077	5422738891-077	76	.9329820632+074	,1893007475+074
66	1483174498-087	-,2766993090-087	66	.1314469535+085	-,8852954192+084
00	-	-,8728119757-089	100	.2007154976+086	.2422567514+086

	IMAGINARY BESSEL	74340646+041	112450689+04	152041090+04	058290670+04	659129933+04	673804858+04	52473875+64	497142228+04	108443248+04	172215589+04	209358222+04	81790851304	330513001+04	35740688+04	<del>1</del> 0+9	398899589+04	46562462+04	48411712+04	94244457+94	351+04	14160392+04	637011559+03	257792265+03	901050396+03	52+03	104968567403	132+03	345112937+03	49106069+03	414633688+03	655195359+03	029487003403	33468658+03	45357233+04	876333108+0	4346960+04	14356498+04
10000000000+003	ш	123611949+04	29948111	0728+04	6463	16873292+04	328050345+04	680943404	54246211	915+04	77496+04	803+64	3269199+04	9298+04	19270+04	5839089+04	<b>35623+04</b>	899019945+04	25132+04	047599026+04	067327206+04	390518330+0	20129243+0	9658009+0	59931355+0	564098077+	253840384+0	74920071+0	810730+03	947+03	22630270+03	283027	+51+03	2164267800+039	734395607+04	89201+04	.5021035509+045	7414203604+045
11				Q	M	<b>#</b>	ເນ	9	7	Φ	か	30	11	12	10	14	15	16	17	18	19	20	30	3	04	4	20	Š	60	61	70	71	80	81	90	91	66	<b>200</b>
HODI IMAGINARY X		23611949+042	7299481113+04	1099460728+	6936463057+04	1016873	6328050345+04	9111680	5542462114+04	7845549915+04	4660777496+04	6491819803+0	3763269199+04	5162489298+04	2917819270+04	3945839089+04	2172595623	2899019945+04	1553725132+04	2047599026+04		13905183304	1120129243+04	4859658009+03	3469931356+03	1264098075+03	3851015+03	1274904597+03	2133496968+03	5141297161+03	8708471+0	8548921910+03	4251823240+02	6020624377+02	1821219887+02	1824944230+02	1514074355+021	701007335+02
×	7 10 14 1 1	374340646+04	112450689+0	7152041090+04	.1058290670+	6659129933+04	9673804858+04	5952473875+04	.8497142228+04	5108443248+04	7172215589+	4209358222+04	5817908513	3330513001404	4535740688+04	2530535296+04	3398899589+04	1846562462+04	2448411712+04	1294244457+04	1695664051+04	8714160392	6637011559+03	.8257792265+03	1901050398403	2328404450+03	2104978018+03	,2606325883+03	9290534155+03	1197764349+03	1685723426+03	2343445678+03	1292412883402	2026653378+02	4261421535+02	8043968816+02	8946452641+0	5993675054+02
REAL	2	2 0	***	N)	10	<b>a</b>	ഗ	စ	~	80	σ	10	<del></del> 1	15	9ť) ***	さず	13	70	*	60	8	20	30	H	70	4	20	51	60	61	20	7.7	80	81	06	35	66	100

	IMAGINARY BESSEL	ກຸກກຸກກຸກ	000000000	000000	00000	000000	000000	• 00000000000	.0000000000	*000000000	,0000000000	0000000000	• 0000000000	0000000000	.0000000000	• 0000000000	• 0000000000	0000000000	. 0000000000	• 0000000000	. 0000000000	,0000000000	0000000000	• 0000000000	.0000000000	• 000000000•	•000000000	0	000000	000	000000	000000	0000	0000000	0000000	0000000	• 0000000000
*0000000000 SECOND KIND	BESSEL	- 202/60329/+000	-,8994819347+000	1. 1004030403404 1. 600906688804001	-,3201364245+002	2153402404+003	<b>1790096084+004</b>	1768562360+005	-,2022747570+006	2627445817+007	-,3819885641+008	-,6144310040+009	1083250352+011	2077029444+012	4302997880+013	9578224977+014	2279735266+016	5777442065+017	1553185436+019	-,4414827261+020	1322894993+022	8701467998+037	4081078285+039	1717320406+055	1069740039+057	-,4246442175+073	3298601209+075	-,7869711475+092	-,7324025475+094	7785159155+112	8443175218+114	3230170521+133	33+1	3979417+15	35122728+15	356937953+	2077069318+176
11	20	<b>.</b>	<b></b> 1 (	א ע	<b>±</b>	ហ	9	~	œ	თ	10	~너 ~너	12	13	14	15	16	17	18	13	20	30	31	0± 20 10 10 10 10 10 10 10 10 10 10 10 10 10	41	20	5	9	61	70	7,7	80	81	90	16	66	100
001 IMAGINARY X		00000000	9000000	000000000	0000000000	0000000000	0000000000	0000000000	.0000000000	0000000000	0000000000	.0000000000	• 0000000000	00000000000	0000000000	,0000000000	00000000	0000000000	0000000000	000000000	• 06660000000	00000000000	0000000000	.0000000000	•0000000000•	00000000000	000000000	00	000000	00	0000000	•000000000•	.0000000000	.000000000	C	0000,0000	• 0000000000
X = ,130000000000+001	BESSEL	1986642+00	384442	1995685715001	756387	S	in	10	-	10	.9664368165-009	.5478611822-010	.2856044333-011	1378112538-012	.6189400389-014	.2599856276-015	.1025688560-016	.3814684447-018	.1341867757-019	,4477629521-021	.1421099638-022	.1450559521-338	441	2701242-	1894445-	7	4790688-	0026375-0	0804167-	జ	2159210-1	m	9899478-1	4859351-1	2734677-1	8922638-17	266
REAL >	Z	၁ -	<b>~</b> (	NK	<b>t</b>	ល	9	~	ထ	O,	10	Ŧ	27	13	74	15	16	17	7 8	19	20	30	31	40	t+1	50	51	60	61	20	71	80	81	90	91	ÿ O	100

FAL	X = .130000000000+001 FIRST KIND	001 IMAGINARY X	11	1000000000-002 SECOND KIND	
z	REAL RESSEL	ü	z	REAL BESSEL	IMAGINARY BESSEL
0	,7411986945+000		0	2057677407+000	-,8994816052-003
-	.3643845482+000	03	<b>-</b> -1	-*8994809460+000	1178048983-002
ผ	,9968854757-001		N	-,1869954200+001	3415802156-002
ы	,1903311298-001	1112506379-004	ю	6292636231+001	1749204945-001
#	,2797555080-002		#	-,3201337916+002	-,1168362590+000
ເດ	.3346086394-003		យ	2153376969+003	-,9618592305+000
9	.3375527314-004	1528495038-006	9	-,1790067486+004	9423573280+001
7	.2945068038-005	1563180162-007	1	1768525409+005	-,1070435596+003
ω	,22639a778H-006	1377689503-008	ထ	2022694858+006	1382663309+004
œ.	.1555656118-007	1067345066-009	6		2000858973+005
0	,9664115241-009	7379292061-011	10		-,3205887676+006
뻔	.5478436044-010	1607147892-012	# 단		5633371767+007
લ	.2855934117-011	2622539474-013	2	1083192613+011	1077083914+009
n	.1378049575-012		13		2225916120<010
#	,6189070010-614	5639408504-016	ŤŢ		4944095454+011
ιΩ.	.2599695969-015		15		1174520211+013
و	,1025616214-016		16		2971514314+014
	.3814379274-018	974897905-020	17		-,7976440212+015
80	.1341746912-019	1853443700-021	18	1553011643+019	2264169402+017
g.	.4477178594-(121	529820792-023	19		6776202464+018
Ç	1420940549-022		20		2132463330+020
02	1450:66874-038	3344137229-040	30		2072831670+036
31	2993590637-040	7133921365-042	31		1003592080+038
ç	.5530240522 <b>-</b> 056	1701282124-057	40		5412374409+053
ᅻ	8663693260-058	2731974679-059	4.7		-,3453721955+055
20	.1792831185-674	6896638852-076	50	1243112987+073	1664901901+072
** <del>*</del>	.22630A3353~076		21	3295913656+075	- 1318643803+074
ő	.8071569213-094	3727131362-095	9	7860911530+092	-,3690429611+091
<b>.</b>	.8531561601-096	1005321779-097	61	-,7315567133+094	3490821934+093
2	6998793954-114		70	-,7773391760+112	4248963949+111
7	.6362794805-116		71	-,8430053703+114	4672952001+113
20	1476554939-134	9096795500-136	80	3223826765+133	-,2011030494+132
7	.1177638692-136	7346172193-138	81	-,3992127896+135	-,2521132216+134
90	.9033413516-156	6263266223-157	90	4682360173+154	3282673734+153
ĭ	.6417157063-158	4498907238-159	91	6518590557+156	4620401709+155
6	.284075021,4-1.75	2167347067~176	66	1352885982+174	1042649003+173
00	.1837269396-177	1415959665-178	100	2070742949+176	1611916371+175

100		000	-1177945207-00	no-arosore the-	i	i	+003 ~.9613465569+001	i	ľ	í	ě	+00832610/60132+007	ı	+0111074894940+010	+0122220741453+011	+0134931059876+012	+0141171034375+014	+0162961653109+015	+0177947017701+016	+0192254935756+018	+0206745797538+019	+0222121981789+021	+037 2051558234+037	*039 99265#8232+038	+055 5317574800+054	+0573390362004+056	+0731620513977+073	+075 1292146062+075	1092 - 355%4377584092	+004 3322122260+004	+1124034467350+112	+114 4430601894+114	1.1	-,2353152069+1	3015504027415	-,4236391911+15	-,9409952737+1	+1761451745519+176
10000000000-00 SECOND KIND	REAL BES	- 20270942	i	î	9																															1 - 4952669519+156	9 9726827703	
# *	EL N																																() ()		<b>O</b>	Φ	ው	10
-001 IMAGINARY	MAGINARY BESS	.3643879597~002	-, 18G	-,1343358287	-,411248931	-,8272920964	-,125307980	-,1528221280	-,1562747708-	3	ı	ŧ	8	8	•	1	3	Ç	ŧ	1	3	•	ŧ	¥	ī	ŧ	ī	1	*	3868267849-096	3601065724-114	3316140307-116	-,8556831784-135	900792302-1	5794674957-156	4839747	7146042	72
ر د ا	EAL RESSEL	+12076346	243	368	8	7961	344	372	17.	26.	155	539	\$	34	37	2	8	7	ž	32	ij	9	7	Ä	Ž	250	38	560	247	531884433-0	029890219-	456976722~	210881851-	30	989281255=	933641384~	618	327878402-
REAL >	Z	0	<del></del> 1	N	<b>10</b>	at	ĸ	ŵ	7	ဆ	δ	10	4	12	,; e	4	15	16	17	#8	6	20	30	31	97	41	50	53	60	61	70	71	80	81	90	91	66	100

	IMAGINARY BESS	8962069602-001	1167661660+000	-,3352601697+000	17005704084001	-,1122712744+062	9115994980+002	879030031/+003	-^88069547.45+004	1241514/35+006	1756998976+007	-,2747000028+008	-,4699417076+009	8727110386+010	-,1747515965+012	3751438403+013	-,8590786182+014	-,2089411050+016	-,5376295894+017	1458475056+019	-·#158190216+020	1242371961+022	5492522475+037	2355032985+039	.6708473126+052	,7667218519+055	.2549527098+073	.2124269255+075	.6570407194+092	,6093062354+094	.4673281883+112	.4686296510+114	.1664327645+132	-,3549534269+133	2318353351+154	-,3500392989+156	-,9944068502+173	1534064303+176
10000000000+000	REAL BESSEL	1999041293+000	8896980809+000	-,1820562145+001	5972668893+001	2945054823+002	-,1907726250+003	1516298036+004	1421081429+005	-,1528359059+006	1848517498+007	-,2474133024+008	3615346090+009	5698210953+010	-,9574086546+011	-,1693522416+013	3106109660+014	-,5779816667+015	1049856069+017	1697244625+018	-,1617377284+019	.4732760101~020	.5734268684+037	,2870781443+039	.1521577775+055	.9419129959+056	.2616365720+073	,1868916466+075	,1997768215+091	2828831372+093	-,4245578747+112	-,4964976872+114	-,2538109202+133	-,3140416006+135	-,2739463386+154	-,3544691252+156	1783357510+173	-,1549641384+175
; ;; ×	z	0	<b>+</b>	N	ĸ	\$	ß	Ø,	_	Φ	σ	10	<b>~</b>	12	13	14	15	16	17	18	19	50	30	31	40	1. 1.	20	21	60	61	7.0	73	80	81	90	91	o o	100
IMAGINARY	IMAGINARY BESSEL	.3647362616-001	-,1807603937-001	-,1345274961-001	-,4110781735-002	8237512345-003	-,1240405187-003	1500875760-004	1519628100-005	-,1323188481-006	-,1010637626-007	6873601706-009	4212278498-010	2348185380-011	-,1200163065-012	5661054226-014	<b></b> 2478158435-015	1011620892-016	-,3866937509-018	-,138915509E-019	-,4704884096-021	-,1506528367-022	-,1180701598-038	2269330042-040	-,4496520340-057	.4426842938-060	.1332775381-074	.1837433535-075	.9589586436-094	.1022030333-095	.6803177902-114	.5815322735-116	,2655185033-135	,9800038129-138	-,6914599128-156	5435403487-158	3692619982-175	-,2436099239-177
X = .13000000000+001	w		.3654461455+000	,9945055315-001	,1876866051-001	.2709657348-002	.3162613006003	,3091981064-004	.2595278660**005	.1904105499-006	,1237733652-007	,7202306127-009	.3781176772-010	.1801305063-011	.7816052593~013	,3094047019-014	.1116092750**015	.3648802826-017	.1066842481-018	.2703890186-020	.5449096774-022	.5785558378024	-,1057260261-038	-,2370178053-040	-,6209823165-056	-,9782732435-058	1596078159-074	-,1885320633-076	1031305245-09¢	3102172691-097	.5287988348-114	.5283509887-116	•1854198481-13 <b>4</b>	.1495192433-136	,9572256278-156	.6422393498-158	.9594628111-176	,4368381124-178
REAL	2	0	+	N	'n	₽	ໝ	Ø	1	Ø	σ	10	<b>+</b>	12	13	<del>1</del>	15	<del>1</del> 2	17	18	19	80	30	31	40	41	20	51	9	61	20	71	80	81	06	91	66	100

	AGINARY B	142044605+00	291062+0	2502136+0	5070592+0	188739195+0	1189295993+063	0	1333+0	0	C	0	0	0	0	0	C	0	0	0	0	0	0	$\Box$	C	0	0	0	0	60683029+0	661052383+1	661830107+1	201658839+1	350466305+1	037809614+1	62703586+1	141111407+1	33295655+1
500000000000+000	Š	00-64	25+00	12+00	33786329+00	710405858+0	99	80994132	.9758657138+004	07031518	.1153298082+007	15520640	83484854	1429030675+009	07815956	106063401	287380424	701462278	7355	32593174	57985801	3151	375548736	03156254	99522317	3938	3604	395(	07696124	90338+0	32142+11	08613+11	3045382	579327411+13	132516	32023357+15	635860	1594787948+17
)) ×	Z	0	+-1	N	K)	⇉	ល	9	<b>~</b>	Ø	ው	10	eri eri	12	13	14	15	16	17	18	13	20	30	31	40	41	20	51	9	61	70	71	80	81	06	91	66	
IMAGINARY	MAGINARY BES	66270698+000	9223396295-00	6961116299	2034225028-00	3681389533-	4661479781-00		2754007125-00	9351143204-0												4896464871-0	1151062280-0									6859578996-1	3280904509-1	4695533-1	494573215-1	3124879684-1	2572044199-1	58204-1
×	EAL BE	6401514	911488507-00	362953430-00	226482482=00	008810910-00	0164870	.2859378307-00	942206901-00	.384557709700	.2886434318	.1698189186-00	571503139-01	.2130174357-0	303399148-01	46247091701	5141694398-01	2825115260-	1234403069**	4438465643**	1297993347-	841428456**	1072779291	367596358**	45122	158596935-	968357087~	580624854~	070537728-	289	4.08450	0931,80073-11	688155006-1	398355273-13	491196860-15	40517550	715414663	009549778-17
REAL	z	0	<del>-</del> 1	ત્ય	ю	<b>\$</b>	ល	ø	<b>!~</b>	80	g																											100

EAL.	X = .13	DOI IMAGINARY X	\$ \$1	.1000000000	
	IRST K			ECOND KI	
2	EAL BE	MAGINARY BES	Z.	EAL BE	MAGINARY RE
0	354153576+00	08080115+00	0	761296+0	9123
<del>5-1</del>	762091	.1964288618+00	매	679022724+0	570988927+00
ત્ય	406510959~00	1545050255+00	N	670234100+0	8041219400
ю	005739868-00	.3924292912-00	Ю	.1502611731+001	23140454+00
<b>#</b>	969133429-00	.4421534291-00	#	213770597+0	6851020+00
Ŋ	111765819-00	4064210934-00	ស	014024399+0	31136338+00
9	071916314-00	9133286228-00	9	2135650+0	7457038+00
1	054173758-00	1513267302-00	1	10383078+0	03881956+00
œ	687750229-00	1334244622-00	æ	153401294+0	90843718+00
σ	165415757~00	.5542420426-007	σ	447428207+0	87293708+00
	85584	2174813976-00	10	880533	1139+00
	605466892-00	.5541820197-00	**	756576966+0	4061684+00
	600278966-01	-,4729328644-010	12	9	4223230836+00
	683779388-01	.2332788942-01	121	519209410+0	302101120+01
	561730474-01	.4609472824-01	<b>*</b>	209223455+0	585537319+01
	8033536879-01	.3127370015-014	15	+	948582989+01
	.2210071509-01	.3673558799-015	16		5
	328400376-01	.1996502817-016	17	+015	5
	228501855-01	.6377242058-018	18	+017	5
	713802706-01	.5228766480-020	19	36417315+018	0.
	304490843-02	-,7/122296801-021	20	69895270+019	9
	085705444-03	-,1119393843-035	30	10135139+033	03
	610442760-03	.4034173432-03	31	227066803+036	503
	861993225~05	5347942595~05	07	20712997+050	ຕິ
	965214988-05	1182491094-05	41	479932583+0	83279544+05
	273870938-07	1961227473-06	50	282861105+0	75255+06
	365465674-07	.2890130505-07	51	7756168+0	8457680320+06
	650021123-08	,9211504668-08	60	586600034+0	117462266+08
	088116325-09	275433490-09	61	949341391+0	36658909+08
	599156688-10	958597-10	70	428426449+1	894112265+10
	850452546-10	5126175917-10	7.1	8081+1	7244478+10
	011433885-12	1442847842-12	80	.2050839712+125	1861828+12
	£91942426-12	5300759798-12	81	980518615+1	24+12
	532596651-14	6967388116-14	06	5+1	6+14
91	5-6249	8.	16	733698132+1	787904
	357009979-16	2456188990-16	66	001184904+1	02957+16
	099746418-16	133322408-16	100	285141458+16	3216965139+16

IMAGINARY BESSEL1929645498+0011962853745+001 .2869296760*500 .5511479476+000	-1853684326+00 -1853684326+00 -3153580964+00 -2620354192+00 -1833314432+00	11 11	i	1111 1 11
30000000000+001 SECOND KIND REAL BESSEL .2381422080+001 1130411858+001 .1065608702-001	4616780783+ 10213323564+ 71456133534 2641182491+ 7755527730+	2848866468+004 .3957043882+005 .3935892160+006 2381970981+005 2956389303+008 2179282023+009		1 111
II Zowana	100000 100000		3 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	61 61 71 71 71 71 71 70 90 90 100
IMAGINARY BESSE 2396504548+001 1096092492+001 1159892661+001 2982577260-001	291094746- 865469225- 439848989- 494170309- 827772422-	1003005547-006 2039399034-006 1742322467-007 .1218195873-008 .3034981152-009 .1081462971-010	-,2254342369=012 -,2036754648=015 ,1481025144=014 ,3803715144=027 ,8260569284=028 -,3934633664=040 ,1089660966=041 -,1991796737=054	485068879 237112006 290353199 127687804 162913437 532016613 798284933 165699665 123849576
H F F F F F F F F F F F F F F F F F F F	.344219 .154605 .134046 .434448 .512715	166768 115943 192041 2263144 975428 278702	37%691607- 037379049- 516946387- 572429252- 415193740- 716274582- 157412318- 254049187-	62503 34450 34450 27586 16292 32966 55180 37332
READ TO TENT				60 61 70 71 71 71 80 81 90 91

	IMAGINARY BESSEL	+	9124116417+003	.2819201700+003	.5611478342+003	1037973054+003	-,2357399146+003	.1787577078+002	.6865305142+002	.9306016649+000	<b>-,1413642158+002</b>	1224254019+001	.2101610804+001	.3173914744+000	-,2375515672+000	7277915724-001	.8573204398-001	.3150060467+000	5710583741+000	4600649293+001	.4333244532+001	,7841160602+002	4665580916+009	-,5737775845+010	2079408302+018	.1594195846+019	.9812451134+027	.5886861847+028	.3874218781+037	3228094612+039	-,3646667655+049	308422801+	.8699939519+060	.3094095291+062	.2886462902+073	-,3945835414+074	.4677216721+084	-,1898446982+086
.10000000	EAL BESSEL	•	5706793486+00	-: 7	.1845049687+	4 .3811684423+003	5 4878436431+002	i	.3824570076+	.3248958701+	.1680568974+	-,5668550823+	6741609355+	2 .7169638434+000	,1230099502+	#377501066-		40.1		<b>+</b>	.18682412034	8936304819+	8734209759+	.2212245148+	,22326886224	• 1	•	i	i	88570089994	ທູ	,5183437218+	번.		í	i	i	i
001 IMAGINARY X =	MAGINARY BESSEL	002891163+004		5893295984003		.3811684537+003 4	-,4878436386+002	-,1330243665+003 6	824561086+001	• 3248969995+002 8		5669102837+001 1	<b>+</b> 1	₩.	+						094612012-003	-005	-011	12		145378456-021	030		9 040		<b>5307489753-052</b> 70	1308440395-052 71	-,2528327054-063 80	ς Ω	075 9	38148-077	.4198719845-087 99	
ıı tı	BESSEL	255685	124116	81020	51147	03797	357398	787577	9	30574	413618	22402	10031	15190	28921	-	84471	5250953	08786	24317	42713	628229	77	131436	242531	4527702	472034	3613601005-03E	201275	356087	11273	71396	6352734	674672	652720	5165085	821	001751
REAL	20	> ⋅	e-i (	N i	n)	⇉	ល	Φ	ν.	Φ	Φ	1 C	T	12	13	14	15	76	17	18	19	20	30	31	0 7	43	20	21	60	61	70	71	80	81	90	91	9	100

EAL	x = .13000000000 = x	001 IMAGINARY X	11	1000000000+003	
	FIRST KIND			SECOND KIND	
z	REAL RESSEL	IMAGINARY BESSEL	z	REAL BESSEL	IMAGINARY RESSEL
0	.3763065198+041	M	Ö	.1290186653+042	-,3753065198+041
+1	,1277335878+042	-,3723763945+041	1	3723763945+041	1277335878+042
ณ	<b></b> ₹546390388+041	-,1252018254+042	N	-,1252018254+042	.3646390388+041
ርሳ	1214982518+042	.3533338489+041	ю	.3533338489+041	1214982518+042
#	.33880440134041	.1167305328+042	#	.1167305328+042	<b></b> 3388044013∻041
ເລ	.1110339125+042	3214810887+041	ស	-,3214810887+041	-,1110339125+042
φ	3018599402+041	-,1045648302+042	Ø	1045648302+042	.3018599402+041
7	-,9749378716+041	.2804790802+041	^	.2804790802+041	.9749378716+041
ω	.2578943795+041	8999791736+041	ω	.8999791736+041	2578943795+041
۵,	.8225371144+041	-,2346558258+041	σ	-,2346558258+041	8225371144+041
10	2112859828+041	-,7443030311+041	10	7443030311+041	.2112859828+041
	-,6668366020+041	.1882616628+041	~;	.1882616628+041	,6668366020+041
12	.1659996123+041	.5915193354+041	75	,5915193354+041	-,1659996123+041
13	.5195211632+041	1448466590+041	133	1448466590+041	5195211632+041
14	1250744115+041	-,4517806490+041	77	-,4517806490+041	.1250744115+041
15	<ul><li>3589983639+041</li></ul>	1068782833+041	15	.1068782833+041	3889983639+041
16	.9038034354+040	3316421790+041	16	.3316421790+041	9038034354+640
17	.2799626035+041	-,7563530501+040	17	7563530501+040	-,2799626035+041
18	b263884525+040	-,2340159073+041	18	2340159073+041	.6263884525+040
19	-,1936925905+041	.5133742209+040	13	.5133742209+040	.1936925903+041
50	,4163877821+040	.1587487979+041	20	.1587487979+041	4163877821+040
30	-,2894695455+039	-,1269777141+040	30	1269777141+040	.2894695455+039
31	-,9352912820+039	,2094004586+039	31	.2094004586+039	.9352912820+039
0 #	.7099782764+037	,3894342051+038	0 7	.3894342050+038	-,7099782757+037
<b>1</b>	.2610145092+038	4624636251+037	ij	4624636261+037	2610145094+038
00	5975286648+035	4712048262+036	20	4712036090+036	.59~5223969+035
51	Z882774172+036	,3481526548+035	51	.3461629822+035	.2882793940+036
90	.1459156425+033	.2324891226+034	9	.2095146552+034	8769996256+031
15	.1302828535+034	7286321530+032	61	3193534089+033	1709504615+034
20	.4323142080+029	-,4848140138+031	20	.1007260977+036	7024351296+035
71	-,2497698893+031	-,4117341159+029	7.	.1371430+036	.1935652283+036
30	3894574767+027	.4434498347+028	80	-,9857257092+038	.8083055569+038
<del>1</del>	.2108192907+028	,2026271581+027	81	<b>1707398301+039</b>	2047924003+039
06	,3215463143+024	-,1846511954+025	06	.2067104321+042	-,2007982755+042
₹.	-,8130512979+024	1489523863+024	41	.4571016174+042	.4624291844+042
66	8805341510+021	-,2279061954+021	66	,4269800601+045	.3742325074+045
00	-,9752606223+020	.3629646504+021	001	8916921057+045	.1036372520+046

EAL	•	01 IMAGINARY X	11	,0000000000	
	IR			SECOND KIND	
Z	EAL RE	MAGINAR	z	EAL BESSEL	MAGIN
0	649966577+00	000000	0	715813445-001	00000000
**	961729707+00	00000000	<del></del> 1	64354140+000 .	00000000
N	273492837+00	000	N	345712694+001 .	00000000
ĸ	832464158-00	00000000	Ю	789273565+001	00000000
#	832377030-00	•0000000000	#	. 200++69	00000
ស	696205965-00	9	വ	423611009+002	0000000
9	817400966-00	9	ဖ	. 200+461	0000000
7	887487444-00	00000000	7	. 7533999990	0000000
ω	008647775-00	0000000	ස	85927275+005	00000
σ	564670144-00	0000000	σ	386516911+006 .	0000000
10	993440699-00	00000	10	728815+007 .	000000
11	614683536-00	00000000	11	18195517+009	0000000
12	574072188-01	0000000	<b>6</b> 7	731+010 .	00000
13	770110325-01	2	13	330+011 .	000000
74	547670923-01	00000000	74	82408336+012	000000
15	205345882-01	00000000	15	040+013	000000
16	004389961-01	0000000	16	19767127+015	000000
17	312032068-01	0000	17	33690020+016	00000000
18	750854984-01	00000000	13	04+018 •(	000000
19	743558830-02	0000000	13	0+0+010	000
20	470312039-02	00000000	20	85+020 .(	00000000
30	056904243-03	00000000	30	75+036 ,(	00000000
31	517822809-03	0000000	31	+037 • 0	00000000
0 †	688087892-05	90000000	04	55+052 .(	000
41	051734815-05	00000000	41	50+054 ,(	00000000
50	291229428-07	.0000000000	20	5	00000000
51	337436360-07	00000000	51	49+072 .	00000000
60	318156903-09	00000000	9	316879	00000000
61	266815867~09	00000000	61	401376+091 .	00000000
20	567281210-10	0000000	70	017456685+108	00000000
71	644179702-11	00000000	7	836083621+110 .	00000000
90	384039315~12	0000000		992332561	00000000
81	273762381-13	• 0000000000	81	7961	00000000
96	544286196-15	.0000000000	06	1039348162+149 .0	00000000
91	905345721-15	000		1254059680+151 .0	00000000
66	043136538-16	0000000		286795426+167	00000000
00	17432473-	00000	00	1099318425+170	00000000

	NARY	352311	81421921	94987237	8758998454-002	066912285	-3	054475226	000987757	35399558	4200775284+004	826736257	865118797	467791355	627059928	5053976935+010	039977822	-,2279214388+013	53000820424014	1303369322+016	-,3379452014+017	-,9214182530+018	2136836398+034	8965158732+035	-,1332476599+051	7368476517+052	792807815	721664488	187245969	252313129	5330	360474075	63170	54408103	300514011	685548933	9685847	395491538
1000000000-002 SECOND KIND	EAL BES	-,4715769373-001	6964348651+00	1345710242+001	5951	-,1633746572+002	-,9423528856+002	6747192470+003	5753311271+004	-,5685816783+005	6386364370+006	-,8032497632+007	-,1118157366+009	1706465639+010	2832910253+011	-,5082140007+012	-,9797072071+013	2019630860+015	4433355416+016	1032421262+018	-,2542183192+019	6599290572+020	103508059	-,4206634578+037	4877391872+052	2632654082+054	2880412979+070	1938996714+072	1275245014+089	028508516+0	14031070+1	832773193+1	-,2987918533+128	206633673+1	5663+1	67671	268207593+1	1096803272+1
, !! ×		0	•	Ċ	ĸ	#	ល	9	^	ဆ	9		11		43	14	15	16	17	8	61	20	30	31	04	<b>5</b> †	20	21	9	51	70	72	80	81	90	91	66	100
IMAGINARY	NARY BES	61730084-0	367660403-00	1414744238-003	1816906	221	153	346	610	682	298	636	-,1901681508-011	-,1250477658-012	555	222	-,2195272751-016	1067	698	-,2094240574-020	8516	3285	111	5197	4498022904-055	335	7632765298-073	-,1134045844-074	26	Ö	309	17	7376902235-131	m	S	+4	99	600
•15 RST	EAL	649	96173	273	8324	48323	6961	78173	887	0085	5645	993	6146	574	7698	547	205	004	311.	750	743	470	056	517	687	020	289	335!	314	262	565(	642	382	271	537	006	0340	010797951-17
REAL	z	0	↔	N	ю	#	വ	9	7	ထ	σ	10	11	12	13	7	15	16	17	18	19	20	30	31	40	<b>†</b> †	20	51	9	61	70	7.7	80	81	06	91	56	100

	Œ	71174-00	13728419-	94716328~	8757181159-00	506542699	3604630035+0	052911493+0	2999055977+0	3351345274+0	4196781861+0	5820168544+0	8853437863+0	5556314+0	622482419+0	3986301+0	3103+0	273540753+0	5414353+0	299380771+0	36807169840	180187790+0	120366632+0	891742617+0	314	6821439+0	596322935+0	1641781+0	040084831+0	127817255+0	73047483+1	7265096+1	436483+1	151027+1	912894701+1	202637537+1	12369313+1	6839195335+1
1000000000-001	EAL BESS	711406456-00	69638052604	3454675794	37878638324	16327743714	9415397873+	6739278626+	57445307624	56748833934	6371271356+	8009625763+	1143833084	6997305294	819986159+	3352+	739035249+	006159290+	400280875+	023858275+	5188678934	5326891524	012633261+	109530861+	80602	28915854+	714193846+	227561694	170704308+	414678316+	681621407+	511717641+	+044060	738625749+	22093014+14	023458722+15	498469309+16	8575207976+16
11		0	**1	N	'n	#	ល	9	7	ಹ	σ		11	12	13	7	15	16	17	18	19	20	3	31	040	<b>t</b> 1	50	51	60	61	70	73	80	81	90	16	<u>ර</u>	100
HOUL IMAGINARY X	AGINAR	961767436-002	1367670523-	1414764490-00	5181594538-0	122163706	2153738102-0	04768373	60997889-00	3581213852-0	297553787-0	2634784722-0	900457703-0	1249489599-0	548024889-0	4217631357-0	2192379680-0	065395708-0	4860888641-0	0-0	497984270-0	276859248-0	0-691	164333357-0	544	570-0	501854666-0	294-0	1359-0	085505438-0	7060796327-1	7505304194-1	7047875790-130	1-1	004995167-1	659568919-1	484105052-1	869841421-1
= .150	EAL B	650034961+00	961842895+	273481029+	832195901-	831285371-	693512600-	812527823-	880473893-	0002400947	556019549-	985637607~	608413943~	569529240-	740127415-	529499527-	195163634-	<b>-</b> 206018066	286192040-	739042620-	692679339-	449592710-	036578768-	466065336~	6299	941272535~	167634134-	150117833-	982809295-	844103996~	401954863-	465802335-	194011449-	094550532-	931264792-	391877298-	201291424-	376794409-
REAL X	z	0	+-1	N	m	#	ល	ø	7	α	σ	10	11	12	13	サヤ	12	16	17	18	19	20	30	31	240	F †7	20	51	60	** <b>Q</b>	70	77	80	81	06	61	66	100

REAL	E E	IMAGINARY	1 11 ×	500000000000+000	
;	7				
z	EAL BESSEL	MAGINARY BESSE	z	EAL BESSEL	GINARY RES
0	8225291304	375	0	2777	278269939+00
1	2488192454	6967015822-001	<del></del> 1	5830281575+000	3883201660+000
ત	2433664614	7332088527-0	N	7255751174	-,7209661994+000
Ю	144889902-	2595585149-0	n	3136781784	135944+00
4	2086921871-	5665232363-0	#	93890051584	1223615421+00
ល	789733	8799439017-	ທ	82686929	ŭ
တ	92285361-	1030232442-0	છ	6477213324	2983+00
1	6835161575-	9236822685-0	^	28069922+	9822263+00
Ø	8831325069-	6136446566-0	හ	355732395+	4683830+ <b>0</b> 9
σ	863981 261-	2500333576-0	6	740958846+	176697301+88
10	793870955-	936110793-0	10	186421263+	5954692+00
1년 4년	4377779628-	685773476-0	11	579780232+	730223145+00
75	2292073006-	97768934-0	42	5623298614	238747300+00
<del>1</del> 1	9214347927-	484342222-0	13	178323339+	310198365+01
14	2196158665-	290678082-0	74	971810660+	54+01
12	438562151-	858561268-0	10	672682375+	30+01
16	423239195-	143672891-0	16	+	38+01
17	121037272-	44844168-0	17	4896809524	71+01
13	954815796-	216992978-0	18	2225184	29+01
Ģ.	1807899078-	0-606026244	19	7585106514	38401
000	7041436565-	518639874-0	20	+05050+	16401
30	5024194610-	101519294-0	30	734140560+	031895524+63
31	1109113874-	617420207-0	31	+	91236925+03
07	330677253-	4037851990-0	40	+	720389+05
43	61881297-	1532239409-0	<b>4</b> 2	<b>±</b>	20026248+05
50	2976569473-	430-0	50	507279827+	3513101+06
51	70838110-	138741423-0	51	1016554	985685+07
60	184448103-	4429561734-0	9	77726041+	572777152+08
61	400242789-	9137526058-0	61	4	550114+08
3.0	5419124959~	3147157917-1	73	5344+	7833585+10
7.1	4584058101-	196846498-1	71	4930815274	875616686+10
80	719812615-	488-1	80	1412+	-,3346672463+126
81	74651499-	7257304300-1	83	61671952+	045863970+12
90	3162010181-1	,2552383067-148	96	.4640910078+146	40146336+14
91	1894420119-1	1	91	+14	5+14
65	77477	123119-1	66	07408	25892775+16
100	264767871-1	4016551950-16			0120639+16

		IMAGINARY BES	00+4400+74044044		6469777867+00	1392398633+00	2441215342+00	.6323011411+00	.1317219489+00	.1259711293+00	.9318374950+00	.4653964775+00	-1090643891+00	-,7752760789+00	1471705470+00	-,2010191136+01	-,1940741642401	3480078081+01	.4356805188401	.1431547223+01	.3066278985+01	٠	•	•	0	•	•	•	•	•	.1091659716+08	.5029168925+10	,5015819795+10	.4823819157+12	*8912457421+12	.5199934780+14	.3546971312+14	6688996001+15	.,2876686165+16
.10		REAL BESSEL	.310316150/+000	4159543327+000	3278213369+000	.6547939953+000	.5442322072+001	.2871206325+002	.1189256527+003	.1579540576+003	4839449683+004	5587128982+005	-,1029032879+007	91821082514007	-,4157688605+008	.6615299383+009	.2498530709+011	.5069283884+012	,7559936006+013	,7039838271+014	-,4120215326+015	-,4201486530+617	-,1326200541+019	2741545957+033	1160177198+035	-,1298236716+049	-,1041205784+051	3094981534+065	-,8926795808+067	.4609394035+083	-,3562579426+085	.4018117762+102	.4321862974+103	.89382701154121	.4251029794+123	.5588398479+141	.4378368401.+143	.5334114603+159	.8994836077+161
8		z (	<b>&gt;</b>	<b></b> 1	N	ĸ	\$	ໝ	\$	ţ~	හ	σ	10	44	12	#1 10	7,	15	16	17	18	19	20	30	31	40	41	20	51	9	61	70	71	80	81	06	91	66	100
001 IMAGINARY X		IMAGINARY BESSEL	.4352367789+000	~.1472918074+000	-,1627951500+000	5215507236-001	8457129710-002		6876034345-004	2279873858-004	3121622047-005	2605764100-006	1159086148-007	-,2508382582-009	- 9573840010-010	9409161873-011	5737350752-012	-,2137355148-013	- 1150761369-015	5038425530=016	4371210138-017	2223824535-018	7366325459-020	\$499086560-034	4555087985-036	2650027905-050	4980381854-052	2028271723-067	3928675106-069	1747629569-085	3783337511-087	.1858676222-104	6022543438-106	3146536478-124	1783184328-125	- 2594218174-143	4998797115-146	-3246441529-161	-,2284496507-163
1500000000000±001	FIR	REAL RESSEL	,7359851122+000	5160828090+000	1145522532+000	1277378476-002	6345166282-002	-, 1659722267-002	- 2338840958+003	1.1849448901-004	■ 27±03±6164=086	1450796983-006	2290218912-007	2000558257-008	1097754355-009	2520615427-011	- 1962677364=012	-2810138219-013	# 10-2404688-014	* STATE OF 1010	7,0:-05789116	3130769161-019	もちゃんなイングがあることの	8770006212-035	6040087067-036	- 1589700124-051	2908142875**052	- 1003805539**067	508030000000000000000000000000000000000		- 1455863053**087	- 5822708996-104	- 4807381396**106	- 7377835551-123	<b>=.3301431156*125</b>	- 4805204686*143	5356451364**145	- 2776955988*162	-1822604364-163
REAL	! :	z	0	-	4	i Mi	) #	- <b>L</b> O	<b>(</b> 2	7	- α	0	. 5	) 1	i (\	1 Y	) 크 -	1 C	¥ (-	7 -	4 =	9 5	, C	N K	) K	3	4.4	י ני	א כ	3 5	3 %	200	7	4 G	) d	6	6	9 0	100

	GINAR	522279532+0	01193869+	829592849-0	392780356+00	07244804+00	86244599-00	422138947+00	075909272+0	424107053+0	31438±	303590+0	160139+0	0+905461	127130+0	1649235832+0	9	9	9	9	5485+0	9	9	9	110561438+0	6717+0	7091157+0	033192719+0	895068374+0	2+0	857402+0	7589995+0	20809809+1	341512029+1	81340124+1	298532918+11	124063837+	11271024+13
30000000000+001 SECOND KIND	AL BE	.2569786906+0	7793825701+0	-,1200584839+0	-,9873522735-0	,1017796272+0	40486797	74798249	.403844666	.291285129	.2833023	-,73738785	503934624	,251904156	.280449118	,18271973	596937656	196969817	-,116199676	,973850943	.23037346	.111430260	.133781073	.17888578	-,46508611	.406541097	#0980569£	695159700	.271170021	18599133	5363+	31724449+	286+	455957160+1	461+1	87182495+11	57141594+	458388355+13
: !i ×	ير		<b>~</b> 4	N	ĸ	ŧ	S	Ø	~	œ	Φ	10	다 다	12	13	74	15	46	17	18	19	20	30	31	40	4.4	90	51	60	61	70	71	80	81	06	91	66	100
IMAGINARY	MAGINARY BESSE	9773+001	7703563536+00	-,1223976791+001	494204243+	427676403+00	010-	8914519089-00	26896970	398872508	, in	150825490	.117358105	-,152971143	356130875	-141709149	.305448394	,425304356	.631892873	-,315372046	287509074	127302359	- 342206526	553009380	-,41954404	670678168	67.3473856	.293838965	169680247	113591694	413113415	405177190	708829380	64405632	164747	2577-12	5062267-1	841462765-13
X : .15	EAL	527962033+00	084581904+	7784418810-00	5045089755+0	.1141127303+00	2493136237-00	1319034414-00	1022267422-00	3870210946	1293	1779846579-0	18473	4718	363626	38570	1900	13516	2070	21881	15936	26758	.53971	17563	16469	14497	23513	23028	38107	50188	.2256483826-08	102988882-08	1082606047-10	3091374777-10	6318805996-	1855950439-1	15309	2029071666-1
REAL	z	0	-1	ત	10	at .	ß	Φ	~	×Ό	0	10	11.	4	13	7	15	16	17	18	19	20	30	**	40	41	20	51	9	61	20	7.1	80	81	90	91	66	100

	IMAGINARY BE	040 100 100 100 100 100 100 100 100 100	1367378849	5865469771+0	-,2599426100+0	-,2420056402+0	1166668103+0	.6842313151+0	.8878647108+0	1346082320+0	2754975535+0	.1866058052+0	.5314927180+0	1874076838+9	100162276:1+0	.4228543141-0	,3535815575+0	5484301027-0	-,4646597360+0	~, 3896877336+0	7048343385+0	,1369018504+0		2735312094+0	-, 3381641376+0	.1043329222+0	,9527811562+0	.2293736409+0	1992356844+0	- 9484091713+0	4202076407+0	1491733874+06	.6804953292+0	.1460925014+07	083469928+07	14608385+0	.1404381035+086
10000000000+002	REAL BESSEL	+00++04-20-200+	7893077205+003	7378274687+002	.3953363801+003	,1293288553+001	1347793172+003	1216397952+002	.3172641485+002	.5314625682+001	5232300033+001	-,1268391830+001	.6068440908+000	<b>1914575891+000</b>	3614376480-001	.7724467397-001	5692818041~001	1245947451+001	-,3950736540+000	.1784559963+002	.2546842074+002	9030780611+009	-,1626341038+010	-,2248106413+016	.2198325913+019	.9395619947+027	.3372922145+027	-,5064580081+037	-,2822770113+039	2890711909+049	.7197601313+649	.6524583324+060	,2511682868+062	*2644962672+073	894115347+07	329575038+08	9502874832+085
ii ×	2 9	•	4 (V	i KO	#	រេ	9	7	æ	Φ	10	11	12	13	すな	15	16	17	18	19	20	30	31	0.4	41	20	51	9	61	70	7.1	80	81			66	
IMAGINARY	MAGINA	0.0000000000000000000000000000000000000	3426696+0	7378274565+0	3953363912+0	1293293291+00	1347793460+00	-,121640027	,3172651456+00	.5314766238+00	-,5232739142+00	126943495	•6091592054÷	•	-,4935613506	-,2270772622	.2564048911	.1914856974-0	-,4945904480	1235989249-0	-,4868574967-	,1687855548-0	.3405511554-	6449291579-	5210652270-	-,9809060426-	1173727063	242332350-	73557717	036637829-	5076074717-	2000027228-	117397167-	5871-0	6-0	06099273-08	95823
X = .15	RESSEL	004024030	. 1367478856+003	5865	2599426333+002	2420	1166	6842	8878	134	2754601	186	528	181	70207	1202	.6827	4473	5024	4296	2854	,2200512256-013	2625	4287	2346	2663	9819	3201156438	9882231-0	1.556528-05	4552724-05	5544638-06	6618633-0	5459120-	0-0096249	325547	2144337-0
REAL	20	۰ د	H ()	i Mi	<b>+</b>	വ	9	~	Ø	ð٠	10	11	122	13	74	15	16	7	18	19	0	30	3,1	t0	# t	20	51	90	61	70	71	80	91	06	91	66	100

EAL	x = .15000000000+001	001 IMAGINARY X	i	10	
	FIRST KIND			SECOND KIND	
z	REAL RESSEL	IMAGINARY BESSEL	z	REAL BESSEL	IMAGINARY RESSEL
0	1/7	าก	0	.1336964295+042	-,1151594066+041
-1	1325594934+042	-,1138072721+041	<b>~</b> ·I	1138072721+041	-,1325594934+042
N	-,1111405729+04:1	-,1299256595+042	ผ	-,1299256595+042	.1111495729+041
'n	-,1260730061+042	.1072768204+041	Ю	.1072768204 041	,1260730061+042
4	.1023184160+04:1	,1211137958+042	3	.1211137958+042	1023184150+041
ເດ	.1151890264+042	- 9643556599+040	ស	-,9643556599+040	1151890264+042
φ	<b>-,8981269855+040</b>	-1084617614+042	9	-,1084617614+042	.8981269855+040
2	-1011006787+042	.8264801303+040	7	.8264801303+040	.1011096787+042
Ø	.7514382932+040	,9331731293+041	Ø	,9331731293+041	-,7514382932+040
σ	8526846148+041	5749737946+040	Ø	01049137946+040	-,8526846148+041
10	- 5989260759+040	-,7713918208+041	70	-,7713918208+041	.5989260759+040
51	6909173917+041	.5249342352+040	## ##	.5249342352+040	.6909173917+041
2	.4543870731+040	6126976293+041	12	.6126976293+041	-,4543870731+040
13	.5379477977+041	3883920278+040	<del>ار</del> ا	-,3883920278+040	-,5379477977+041
44	-,3277628302+040	-,4676416602+041	74	4676416602+041	.3277628302+040
5	-,4025047678+041	2730243526+040	72	.2730243526+040	.4025047678+041
9	.2244320587+040	3430201784+041	16	.3430201784+041	-,2244320587+040
<b>1</b> -	2894446413+041	- 1820027542+040	17	1820027542+040	2894446413+041
18	1455529988+040	- 2418328725+041	18	2418328725+041	.1455529988+040
6	-,2000673703+041	1147415540+040	13	.1147415540+040	.2000673703+041
ž	.8911255067+039	1638912588+041	20	.1638912588+041	-,8911255067+039
30	-,2209455702+038	-1302459134+040	30	1302459134+040	.2209655702+038
100	9586015833+039	1196770925+038	31	.1196770925+038	,9586015833+039
5	1329651878+037	3957893630+038	040	.3957893628+038	,1329651882+037
t 1	.2649869637+038	1042387225+037	41	.1042357218+057	-,2649869639+038
20	.4560864850+035	-,4730778331+036	20	-,4730764226+036	4560908668+035
51	2890188013+036	- 2986692742+035	51	-,2986619805+035	.2890210943+036
60	3928936479+033	2298121784+034	60	,2029421295+034	.4981804341+033
61	1285570214+034	2301976445+033	51	,3937522983+032	1761652682+034
20		- 4700542089+031	0	.1189374482+036	5820646921+035
71	2416422166+031	- e445399904+030	71	.1144123413+036	.2287794138+036
80	- 1498038428+028	4198545883+028	80	117514149/1+039	,7123680509+038
81	1990735971+028	7316508031+027	81	1512986238+039	2443768121+039
6	8006561994+024	-1698177812+025	90	.2487457590+042	-1959615955+042
5	# 7453463390+094		91	4251882232+042	.5569747593+042
10	٠,	+ 16474545401	66	· 4	4539789149+045
00	1950709148+021	• •	007	-,1082648522+046	,9987651669+045
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	IMAGINARY BESSEL	.0000000000	00000	0000000000	***	0000000000	.0000000000	000000	.0000000000	• 00000000000	.0000000000	0000000000	•0000000000•	.000000000	*000000000	•0000000000	*0000000000	,0000000000	•0000000000•	,0000000000	.0000000000	• 00000000000	•0000000000	• 00000000000	• 0000000000	•0000000000•	• 6000000000	,0000000000	.0000000000	•000000000	0000000	000000	0	9	•0000000000	0	00000	.0000000000
.0000000000 SECOND KIND	REAL BESSEL	.1824970144-001		1168238649+001	3037418338+001	1212046658+002	-,6514020619+002	4357184509+003	3475072208+004	3214308350+005	33804518994006	3982143547+007	5192758887+008	7424769444009	1154927470+011	1941515336+012	3507447272+013	6776263936+014	<b>1394096989+016</b>	3042810900+017	7022559237+018	1708706003+020	1403850995+035	5348371962+036	3467382001+051	1754659588+053	1073805818+069	6776653323+070	2493286287+087	61+	550+	4634	943+	0031+	926+	31	#	623905355+1
H	z	0	~	N	ĸ	#	ເດ	9	_	Ø	ው	10	11	12	13	77	15	16	17	87	19	20	30	31	<b>6</b>	41	30 0	21	60	61	70	7		83	90	ij	66	100
001 IMAGINARY X	IMAGINARY BESSEL	. 0000000000	0000000000	.0000000000	0000000000	.0000000000	• 0000000000	• 0000000000	00000000	000000000	0000000000	0000000000	000000000	.0000000000	• 0000000000	• 0000000000	0000000000	. 0000000000	0000000000	0000000000	0000000000	000000000	0000000000	. 0000000000	.000000000	0000000000	0000000000	. 0000000000	0000000000	• 0000000000	. 0000000000	• 0000000000	• 0000000000	0000000000	_	•000000000•	0000000000	00000000000
X = .160000000000+601 FIRST KIND	E 2	247335	0870	415	377392499-	166660979	135430196-	13947280	227	16492	873	563	284	395	018	116	779	808	286	5572	289	948	308	357	270	294	7656	958	072404217-	5965	434454527	505182291~1	415646041	371412041	179630617	.1031449032-149	405620527-1	915041970-
REAL >	z	0	<del></del> (	N	'n	#	ເດ	ø	~	ထ	ው	10	<del>د</del> د	12	13	74	12	16	17	<del>1</del> 8	S T	20	30	ri H)	40	t <del>1</del>	20	21	90	61	<b>1</b> 0	71	80	81	90	91	66	100

	AGINARY	272973-003	84908649	57711816	425295439	3894964	321544967	841119682	693954609	773285315	2080621615+004	-,2703892154+005	3854702692+006	5980616823+007	1003121259+009	<b>1808589625+010</b>	3487963209+011	-,7164547623+012	1561544476+014	-,3599299152+015	8747509278+016	2235580794+018	-,2715965067+033	1068192687+035	8877098519+049	-,4601947901+051	-,3420406922+067	2200931994+069	9499886408+085	-,7300789417+087	1370765450+105	-,1224838142+107	8131917617+124	8282885832+126	-,1663928170+145	028366	154330496	024258945
0000000	REAL BESSEL	.18250093	61332701	11682368	30374087;	12120403	651397119	-,43571394;	-,34750253	321425367	338038116	398264306	-,519260351	-,742450957	-,115488072	-,194142537	350726281	-,677586256	139400460	304258667	-,702198687	-,170855272	140357973	534727166	<b>⊸.346621767</b>	-,175404159	107325022	677301937	249144607	188377540	-,308782358	-,272071247	-,16052520R	-,161507156	-,292289355	-,330614310	-,1303163586+1	-,1620639838+16
# *	Z		<b>•</b> -1	N	ĸ	4	ເດ	9	7	Ø	ው	10	#년 #년	12	13	14	<b>1</b>	16	17	18	13	20	30	31	040	41	50	21	9	61	70	71	80	81	90	16	66	100
1 IMAGINARY	INARY BESSE	087081787-003	1138483343-0	432189218-00	15944984-0	50310608-0	40872959-0	150231941-0	5255400809-0	$\circ$	5478260852-0	$\Box$	$\circ$	526214424~0	0	714992594-0	$\boldsymbol{\omega}$	0	361118073-0	245888979-0	$\circ$	0	O	593719258-0	562829375-0	099595212-0	0	853710638-0	767090170-0	0	₩.	-	**	199803755-1	**	24169	87365538-1	1195994704-1
*160	REAL BESSEL	247335588+0	097082560+00	415942552+00	377589844-00	166649038-00	135398366-00	139465623-00	227854040-0	164915898-0	873443647-0	562892639-0	284740627-0	395138212-0	018542802-0	116861515-0	778908597-0	808115662-0	286248948 <del>-</del> 0	572021780-0	289612591-0	948017603-0	307261349-0	356952168+Ū	226386522-0	293320795-0	762931072-0	954071022-0	070972517-0	594333531-0	133102289-1	503625164-1	+12666003-1	568412496~1	177786183-1	129800047-1	101064635-1	911341158-1
REAL	z	G	**1	તા	ю	₽	យ	9	۲-	ဆ	ው	¥0	건	Ä	13	<del>i</del>	<b>S</b>	70	7.4	18	19	20	30	31	0.4	7	20	27	9	61	20	7	80	81	06	5	(C)	100

	1	IMAGINARY BESS	29	-		-	i		i	i			-		-	i	-	ŧ	3	i	ì	i	2228334932+019	-,2697566179+034	1060504043+036	8774303044+050	4546126420+052	<b></b> 3369049155+068	2160606831+070	-,9262771651+086	-,7112728152+088	1324840707+106	ł		-,791597578	8	1:1	7623983291+164	9563499740+166
100000000	SECOND KIND	REAL BESSEL	501-00	6132850930+000	1168061605+001	3036456859+001	1211416172+002	-,6509079666+002	4352678700+003	3470388018+004	3208842942+005	3373381861+006	3972103193+007	5177232226+008	-,7398800520+009	-,1150256951+011	1932527664+012	3489021846+013	6736175213+014	1384871347+016	3020421913+017	6965416204+018	1693404825+020	-,1376822653+035	5238762598+036	3351656219+051	-,169325333+053	1018755953+069	-,6415739518+070	-,2311641653+087	1743421134+089	2787837932+106	2449067625+108	1403587132+126	1407269837+128	2462559120+146	2774313721+148	-,1056906964+165	1308464232+167
11		Z	0																16				20	30	31	0 #	41	20	21	60	61	70	71	80	81	06	91	66	100
OU1 IMAGINARY X		BES	1-00	-	00	5715959550-00	1450277509-00	-,2740704977-004	-,4149764089-005										-,2791607958-016					-,1361284542-036	-,3573655703-038	-,5509919069-053	-,108858665-054						6899396980-110					-,1397830390-166	1122541335-168
x = .16000000000+001	FIRST KIND	REAL RESSEL		,4087197260+000	.1415936986+000	.3377127036-001	.6165466900-002	.9132247254-003	.1138854464-003	•1226910505-00 <del>4</del>	,1163707161-005	.9860181381-007	.7550075121-008	.5273743091-009	.3386630448-01.0	.2012548998-011	.1112984343-012	.5755722497-014	.2795221701-01.5	.1279548520-016	.5539338482-01.8	.2274591744-019	.8882753256-021	.7184969305-036	.1823731281-037	.2159625759-052	*#157999844~054	.5492088835-070	.8516190076-072	.1930752381-088	.2505786619-090	.1301198186-107	.1451809570-109	,2123365815-127	.2077367043-129	.9996940192-148	.8706714921-150	.1963544130-166	.1556162579-168
EAL		Z	0	*1	ભ	Ю	<b>3</b>	ស	છ	7	Ø	ው	10	11	22	13	74	15	16	17	87	61	20	30	31	40	41	20	51	60	61	70	71	80	81	06	91	66	00

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	α <b>≻</b>	-,6119217844-001	7814327219-00	-,1558601227+0	6308968354	<b></b> 3395036304+0	2241941325+0	1759519567+0	1599872782+0	1652866443+005	1911283071+006	2444457964+007	3424710187+008	5214171319+009	8569441236+010	1511601551+012	2847667174+013	5704655183+014	-,1210600524+016	-,2712251160+017	-,639581398340	-,1563094081+020	-,1236023829+035	4579650153+036	1765029391+0	-,8060441322+0	.3902094995+0	.6271352858+0	365284798+0	1103503&3+0	585148970+1	310067288+1	3248941	9858941	392367725+3	426728291+1	23883229+1	708535792+1
1000000000+000	AI BF	216	160	1150	2942		6030	67	3022	690102936+00	707553141+00	034506661+00	740475523+00	5019175004+009	5668+01	10+6+01			879528839+01	1113047304+01	167547362+01	281137264+01	6+03	067051343+03	63	0	713	ŏ	250547	248116502+	484245985+	469412+	109891495+	152961+	90954+	#	9302+1	1333385529+16
: :: ×	Z		+	N	Ю	4	ល	ø	7	හ	ው	10	11	75	13	きい	15	16	17	18	19	20	30	31	0 #	41	50	S)	60	61	70	73	80	81	05	16		100
1 IMAGINARY		90944659-001	1139240886-00	1434265558-00	5717416142-00	-1446964886-00	-,2723901281-00	-,4103001991	5161552819	-,557925418	5288593580	-,4464277326	-3396555984	-,2351876982	1493982798	8764691040	-,4775920156	2429023426	1157997173	5194023088	2199132095	88149816B0	-,7404917630	-, 1845449961	-,1450971819	-,2566297873	-,1411348142-071	-3981077349-				770821306-	13342582-	615749436-	690259050~	994576483~	044067358-1	3179308-17
X = .160	TIKNI NINU UPAI DECCEI	9329+00	73846	9888+00	3350819455-00	6047213604	8607	<b>9954</b>	1133083211	104380	11090	:1556	52416	54759	3292	7414025403	32575	1579904124	6538437917	2517761156	9007447006	11334	2284336847	6982668647	1921516375	3880463370	63546A4982	988737740	1919781630-08	2390341612-09	5548215247-10	5125777322-11	7806274492	3900-13	8317-1	3141-14	55193-16	S
REAL	Z	: c	• •	1 N	נו	<b>#</b>	Ŋ	9	,	<b>6</b> 0	ტ	10	-	12	13	7	15	16	17	8	19	02	S	31	3	<b>1</b> †	20	21	09	61	20	7.7	80	81	06	6	66	100

	IMAGINARY BESS	-,3549326807+000	-,5952317400+000	2066449237+001	-,9225/393/6+001 -,47901634904009	2762410795+003	-,1668351380+004	-,9481508844+004	3359336538+005	.3487505701+006	.1296065150+008	.2778828873+009	.5240744806+010	.9418169045+011	.1647862545+013	,2802459128+014	,4532607148+015	,6552811229+016	.6743467442+017	** 3638118273+018	0004204100101°*	.8076165140+049	-,3575336451+051	-,2647629630+067	.2048188714+068	• 5391402379+085	.8095412182+086	-,5339542877+104	1785828728+106	.2095278991+124	.1050779806+126	2768795885+144	1628820577+146	11192/2/65+163	.1081897702+165
5000000000+000 CFCOND KIND		-,5239054877+000	8168917080+000	1272199250+001	-16/9925558+001 	.1420220740+003	.1682820779+004	.1868371958+005	.2078509863+006	•	•	•	٠		-		•	1	i	i	*5501058165+034	• ;	2449922163+052	,9607016655+067	.5999289734+069	1348646910+086	1045094073+088	,9960688704+104	,9335590480+106	3035883927+124	3383083016+126	,3180665038+144	4169531908+146	-,5259688087+162	9922850126+164
!! ×	zc	<b>~</b>	N	<b>Ю</b> :	y t	·Ψ	~	Ø	Φ	10	# #	12	13	74	13	16	17	<b>8</b>	2-1 0	200	9 6	40	4	20	21	60	61	70	71	80	81	90	93	56	100
IMAGINARY	IMAGINARY BESSEL	5787714212-001	-,7423102192-001	-,2876362263-001	-,6824984072=002 -,456574-00-002	- 1491830458-003	-,1502673818-004	-,1173928861-005	-,6624477779-007	-,1782885176-008	1395488842-009	.2666348764-010	.2581547007-011	.1891630560-012	,1145099325-013	.5902708066-015	.2607736054-016	.9730204080-018	.2899408049-019	.5507595104-021	-10185100U5-035	-5121277738-052	4556496204-054	-, 3207317729-069	-,2560291719-071	.2142910348-087	.1716638742-089	2672515180-106	2073126255-108	.7912456294~126	.5867760594-128	-,6656936170-146	-,4700869510-148	.2401727601-164	.1829836548-166
*																																			
REAL X = .16000000000+001	m n	4380925730+000	.1401550506+000	.2696719905-001	.3156447138-002	-2910718319-004	8248184322-005	-,1232990246-005	1357798697-006	1198578584-007	8756853812-009	-,5337223951-010	-,2671620908-011	-,1028166453-012	-,2242736538-014	.6571332317-016	.1148931188~016	.8516783039-018	,4751304401-019	.2211153951-020	278212045/-035 	1287997456-051	2868946319-053	#987504887-069	9306897787-071	.2633915675-087	.4298158054-089	~.2622713912-106	-,3869542063-108	.6190953874-126	.8505223447-128	-,4097252847-146	-,5401723369-148	.3298662556-165	.8661452391-167

REAL	x = .16	001 IMAGINARY X	! !! ~		
	FIRST KIND			SECOND KIND	
z	REAL BESSEL	IMAGINARY BESSEL		REAL BESSEL	IMAGINARY BESSEL
0		~	0	.3502223706+000	5152985755+000
**1	.5314155881+000	-,1216231847+000	+4	<b>3814344354+000</b>	-,5819052027+000
N	.1354223087+000	-1648515994+000	N	-,3741464385+000	5907262220+000
Ю	4437351804-002	5862997584-001	רא	.3703275821+000	1271056024+001
#	-,6178440384-002	-,1087712725-001	\$	.4038489441+061	2679929508+001
ດ	-1930440639-002	-,9870454825-003	ហ	.2274023801+002	.6405560414+000
Ģ	-,3154514522-003	3250716379-004	Q	.1064059130+003	.7611150380+002
1	3135243280-004	2504551839-004	٢	.3210219644+003	.8326167888+003
ď	1.42132910-005	4236080425-005	60	1450429702+004	*6889656024+004
O	1054152786-006	.4334501734-006	ው	4430299957+005	.4488124246+005
10	2895065562~007	2790147494-007	10	6164020404+006	.1399173043+006
, ed	3239512145-008	.6659294115-009	11	<b>-</b> .6598779009+007	2360392879+007
12	.2340832759-009	8827784142-010	12	5234596631+008	6717204515+008
13	1056568436-010	-1397204055-010	13	-,1098443456+009	1119979765+010
74	9724639306-013	-,1137516482-011	<b>†</b>	.7213631904+010	1435668279+011
15	3191733481-013	-,6184129116-013	15	.2110807211+012	1272380978+012
16	-3431724788-014	-,2024366541-014	16	.4041658502+013	.7966362202+011
7	-,2149609627-015	.6046392159-017	17	.5899416348+014	.3877357793+014
18	9128481268-017	.6098075895-017	18	.5427555121+015	.1189840585+016
19	2173797264-018	,4851488595-018	19	-,3399717572+016	.2538833783+017
20	3396872101-020	2424980919-019	20	3382639779+018	.4065751299+018
000	5382209724-034	.8854202752-034	30	8969408729+030	.8391746747+032
3.1	.4096163869-037	.3104154558-035	31	1463902788+034	.2282999071+034
0 #	1548576885-049	.5365633061-050	O #	.2510462387+048	,3106808725+048
41	-,2337946504-051	2901796286-051	41	.2061327742+049	.1701907667+050
20	2062790464-066	-,7762149285-067	50	.2335069354+065	*de86445641+064
51	3958275883-068	7982250347-069	21	.9265811793+066	.8753708723+066
9	-,2031976100-084	-,3580182247-084	9	,9357871087+082	5068666312+082
61	-,5555127086-086	-,3004282862-086	61	.6810944572+084	.4256497033+083
20	.2638991552-103	-1457304879-102	70	,9395119326+100	-,2358177161+101
73	-,7241571741-105	-,1815120532-104	71	.1529434805+103	1121946298+103
80	9950785703-122	-,8310772102-122	80	7906458002+119	-,2413197924+120
81	.4667582566-124	1426397224-123	81	.5194856093+121	2103553420+122
96	,3291427827-14%	.9467752102-145	90	-,7547088756+139	-,4711862162+139
91	.2878231100-143	-,1798121580-143	16	-,3742853841+141	7670164444+14£
66	,9182796787-160	.2813331601-159	66	-,6901909441+157	,5776429615+157
100	,2130857625-161	1782513395-161	100	94016356924159	.1307425416+159

67674853-001 - 67674853-001 - 76288667+000 - 7628469-001 - 12344691-001 - 79838784-002 - 679838788788788-002 - 679838788788-002 - 6798387887888788878888888888888888888888	.1240625815 .2101355121	<b>,</b>		-,2148399161+001
3667+000 9869-001 4691-001 8784-002	240041004	1 W 10	220758140+00 569406575+00	5866785452-0 .5237698410+0
4691-001 8784-002	1319977275 5311094917	<b>4</b> K		.2810267136+0 .1000815475+0
8784-002	.1562524576-002	o o		1137547758+0
	.2650472190	<b>~</b> (	.2498023338+001	■ 5321523469+0
62807:005 -		0 0	.6148335842+002	1233054920+0
3537-005	1596468980-004	10		,6276119246+0
1903-005	1926639124		-,4857106442+004	-,877592263340
+105=·006	,7670700765	12	9750098003+004	-,3241302886+0
95801007 -	.4116762884	 G	.1814118854+006	-,1745356732+0
07205008 -	.3298785371	# 1	.19106482794007	.6513076339+0
34070-009	898807398	c ·	2585915490+00/	0.0550572380571.
99967011	5481762116	1 10		. 430133211240 - 492857067840
14829-012	2267805198	18	•	1612035474+0
10295-016	.4239954084	19		-,8508003371+0
18474-014 -	,1635142494	20	.1695240955+013	.1120242783+0
5483-026 -	.4174782982	30	.3922984474+024	-,8374496136+0
3693-027	,2526279150	31	,1660134616+026	-,8177626226+0
0301-039	109171711	<b>t</b> 0	1194919097+038	<b></b> 3325138859+0
5419-040 -	,3254927898	41	-,6369901625+038	2888460545+0
0262-053	798836839	20	-,1993287906+051	,2059914114+0
1122-056	613372553	51	5683822289+053	.2353216343+0
7268-069 -	.864126672t	60	.2570205487+067	2127421619+0
65061-070 -	,2096205532	61	.4969553611+06B	,7721277483+0
2366-084 -	2739536885	70	4467260847+082	1652834351+0
9718-087 -	2794768009	71	.5180270246+084	-,4859311075+0
05176-102	831077385	80		.2057409531+09
8824-103	3447558301	81	1816450326+101	-,133667458
4154-118 -	.4894475116	06	,2732360659+116	.3742551336+11
9406-120	62324282	16	1074326045+118	.2221157128+11
73388-134 -	.1035346242	66	-,7495101899+131	2221415829+13
. 0909-136	.1010167978	007	.9411786999+133	-,9988580369+13

MAGINARY BE 403846293+0 75931929+0 259331929+0	.1363324917+0 2412463769+0 2647751712+0 .6695507340+0 .1276322819+0	3473946722+0 .1686703942+0 .6258159245+0 1540439615+0 1100094236+0 .1893592991-0	4348296507+0 4348296507+0 7503588539+0 6108761338+0 3954066552+0 4395646625+0	33923762 .19361764 .13333056 .10234084 .13261979 118751979 .10007855
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IMAGINARY BESS 1078392150+004 1098729899+003 7982083219+003 1709478582+002	3965819710+00 2662389868+00 .332660558+00 2008975780+00 3063922268+00	486412158 154106036 530385135 53057275 376911034	.2009224895-002 .2009224895-002 .5261838401-004 1231279202-003 1121557174-004 .1686005700-011 .1196114109-012	10652130 10652130 10652130 283351338 28330950 26092625 200630 2
X = ,1600 FIRST K1 REAL RES 114038463 97543479 1,62593320	3633246 4124636 6477503 6955026 2763160	347351 347351 168589 1502476 787608	200917 2018867 20188834 213188671 21496571 44651399	252458 55498 56190 114094 11710 11710 67176 65183 25332
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		IMAGINARY BESSEL	4555786+04	332304+04	85059760+04	65141657+04	01216176+04	5766379+	05942061+04	14302900+0	79708217+0	551717278+0	S	7154155+0	1582374990+040	-,5391459711+041	1409948916+040	.4032257379+041	.1203901842+040	2898190750+041	-,9833001697+039	.2002142270+041	.7675425472+039	1127123489+039	.9548016507+039	,5548393826+037	-,2624066205+038	822312954	8399905294	4822512044	7955272984	41642545	328479744	9526781334	280497124	9876740+	480413004+	3038614924	,1036669451+046
000000	COND	REAL BESSEL	.1343769397+04	.1778309577+04	-,13	-,1793361625+04	.1215303778+04	.1806252613+04	i	1797821711+04	6	1749881191+04	-,773526373	-,1651294764+04	9	.1501412128+04	-,4585848523+04	<b>1369999315</b> +04	.3435519061	.109416236	-,242079933	-,873709061	.1639£1863	-,129792357	-,875140899	,392195765	,387613	-,465259496	-,618841669	193093675	10843425	80034	9699+03	359183513+03	82536543+03	4868+04	1+04	5813	\$1265498976+046
81		z	0	~	Ŋ	Ю	#	ស	ø	1	Ø	O,	10	TT	12	43	**	15	16	17	18	49	20	30	31	40	计	50	5	90	61	70	71		8		91	99	100
+001 IMAGINARY X		AGINARY BES	97+04	78309577+04	130386110	93361625404	.1215303778+042	06252613404	17	1797821711+04	6020399	1749881191+0	552	1764+0	527+0	128+0	3523+0	3315+0	.3435519061+041	368+0	332+0	37090619+0	,1639618638+041	29792357540	751408993+0	21957652+0	76133881+0	652611026+0	188475067+0	58265707+0	82836714+0	22034	0+5	76942685+02	09135156+0	77377810+02	744851+02	Q	2918295675+02
.160	IRST	EAL B	55786+04	33033	785059760+04	265141	18012	155766	8059420614	014302990	779708217+0	551717278+0	707221	6927154155+0	582374990+0	391459711+0	40994891640	03225737940	203901842+0	898190750+0	83300169740	002142270+0	675425472+0	127125489+0	548016507+9	548393823+03	624066202÷0	782196621+03	839964431+03	565521887+03	250700559+0	771857039+	32141355340	021533070+0	882353953+0	021430137+02	07588067+02	1272191	386670936+02
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.000000000 SECOND KIND	REAL BE	20043+00	7339914247+000	1484366557+001	4461291526+001	1859144531+002	9779165769+002	6170543296+003	-,4530115815+004	-,3788893009+005	-,3554147201+006	3693965631+007	-,4212519003+008	5228709098+009	7016632092+010	1012162944+012	1561866932+013	-,2566958608+014	4476558894+015	-,8255964368+016	1605436493+018	1407393871+032	4287774791+033	-,3720929322+047	-,1505033748+049	-,1235021944+064	6234364785+065	-,3075315225+081	1860048703+083	4090016522+099	82873032+10	2246122+11	5921007+12	986+13	-,4036957052+139	9574755+15	55830+15
(I) ~		<b>~</b>	N	ĸ	#	വ	9	7	ထ	φ	10	11	(V)	13	14	15	16	17	18	13	20	O,C	31	04	다 각	200	23	9	61	70	77	80	8	90	91	66	100
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REAL >	z	) <del>+1</del>	ผ	ю	<b>a</b> t	ഗ	Ó	2	æ	ф	10	11	12	13	74	15	16	17	18	49	20	30	33	0+	ć,	20	51	9	61	20	71	80	81	06	91	66	100

	IMAGINARY BESSEL	٠	7503746380-003	-,2234739150-002	9668846703-002	5131293261-001	3236784372+000	-,2370417156+001	-,1976837946+002	-,1849135480+003	-,1916879886+004	-,2180821728+005	2701174507+006	3617935598+007	5210128793+008	8027196217+009	-,1317446507+011	2294608127+012	-,4226988092+013	8211042079+014	1677417266+016	-,2176588575+030	-,6846046805+031	-,7617906825+045	3158701443+047	-,3146449103+062	1619506950+064	9373017288+079	5762108479+081	1451049664+098	-,1037191972+100	9237606982+116	-,7526908135+118	-,2028659398+136	-,1855878253+138	1333943784+154	-,1340404022+156
1000000000-002	REAL BESSEL	0001016010010000	-,7339908560+000 -,7339908560+000	1484363956+001	4461277769+001	-,1859135923+002	9779103134+002	-,6170491336+003	-,4530067425+004	<ul><li>3788843033+005</li></ul>	-,3554090524+006	3693895623+007	-,4212425460+008	-,5228574670+009	7016425364+010	-,1012149071+012	1561808022+013	-,2566850233+014	-,4476348626+015	8255535286+016	-,1605344624+018	-,1407220086+032	4287211033+033	3720130331+047	1505694546+049	1234613189+064	6232220358+065	3073863055+081	1859141558+083	4067405369+099	-,2880950665+101	2280352717+118	1835359408+120	-,4456611265+137	4032642370+139	-,2666206502+155	2652537727+157
*1	Z	•	٦ <i>د</i>	(4	<b>.</b>	ល	9	1	ထ	ው	10	11	12	13	44	£5	16	17	18	13	20	30	₩ ₩	40	4.1	20	51	9	61	70	71	80	81	90	91	66	100
-001 IMAGINARY X	IMAGINARY BESSEL	٠	- 1925095522=004 - 1377558714=003	400-146525674-	- 2552361348-004	-,6173881369-005	-,1186025569-005	1896545394-006	2602209633-007	-,3129798942-008	-,3352872212-009	3239166287-010	2850262235-011	-,2303120635-012	-,1720653663-013	-1195454520-014	-,7762502958-016	-,4731337964-017	2717279095-018	-,1475426085-019	-,7596959772-021	-,8736085628-035	-,2868981698-036	-,3317748599-050	8199532627-052	-,1002016550-066	-,1985352022-068	-,4030476382-084	-,6664664865-085	3033963060-102	-,4304777112-104	-,5441655475-121	6761350542-123	-,2785503398-140	3078448334-142	-,4657024522-158	-,4681101168-160
X = .200000000000+001		DOOL SHOOT STORY	*#555976955# 1084476683+000	.6072207544-001	.1407937737-001	.2635164293-002	.4140395997-003	.5609628723-004	.6683160528-005	.7106736443-006	.6825227194-007	.5976792178-008	.4810071760-009	.3581383230-010	.2480993836-011	.1606940737-012	,9772949138-014	.5601871331-015	.3036463935-016	,1561067997-017	.7632282191-019	5835985991-033	.1854493208-034	*1660655708-048	.4003811284-050	.4010348770-065	7789869794-067	.1343818151-082	.2185606135-084	.8668394086-101	.1212575547-102	.1360106069-119	.1669056676-121	.6187334148-139	.6762760692-141	.9402339070-157	.9356246830-159
EAL	z	<b>&gt;</b> •	<del>ب</del> ۵	110	#	ĸ	ဖ	~	æ	o.	10	બ બ	12	ب ا	<b>1</b> 1	13	16	17	13	13	20	30	31	40	4.1	20	51	9	61	20	7.1	80	81	90	36	66	00

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000000	SECOND	_	08101	5																												703831794827+099		80 2095610	-1	9			
+001 IMAGINARY X		IMAGINARY BESSEL	4354017242-002	-,1925061758-003	-,1377278755-002	-,7700432202-003	2552338800-003	-,6173675140-004	1185946939-004	1896341557-005	-,2601801270-006	3129127155-007	-,3351931359-008	-,3238016925-009	-,2849015804-010	-,2301904533-011	1719574834-012	-,1194576821-013	-,7755907564-015	-,4726732769-016	2714275773-017	-,1473588539-018	7586370872-020	8706992772-034	-,2858742287-035	-,3297553725-049	8146993518-051	-,9923369736066	1965385047-067	-,3973869915-083	<b></b> 6567844264-085	2975607307-101	4219554910-10	1	-,6586477956-12	2696374590-13	ï	4476507363-15	
ğ	IRST	EAL E	*#5464a6760+000	52254	37424	1562-	330°5-	.2634522035-002	- 1205	56069	.6678824940-005	.7100722764-006	.6817934575-007	.5968929326-108	.4802436135-009	.3574635740-010	.2475522221-011	.1602840610-012	.9744389353-014	.55832A5121-015	.3025113388-016	.1554538066-017	.7596772464-019	.5773526154-033	.1833272931-034	.1628765000-048	.3922982737-050	.3889491940-365	.7545561620-067	.1285395966-082	.2087385426-084	,8155327792-101	1387	550	5369	5835	.6088201571-141	2945	
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E A F	X = .200000000000+001 FIRST KIND	Imaginar	lı		
	REAL RESSEL	IMAGINARY BESSEL		SSEL	IMAGINARY RESSEL
	*#547448879+0 <sup>00</sup>	.4357928247-001	0	,2108645255+000	3499745775-001
	.4365831907+000	-,1921883254-002	-1	3487027939+000	-,5577590664-001
	.1986405758+000	1379283416<001	N	7284415807+000	-,7454525498-001
	.6049964597-001	-,7706060323-002	K)	-,1458564832+001	-,2209506121+000
	.1392533089-001	-,2550081632-002	#	325234783+00	-,9514657055+000
	.2580411239-002	6153041668-003	IJ	-,1774290823+002	5020718716+001
	.4003254330-003	1178084364-003	9	9164014935+002	3146075644+002
	.5340727108-004	-,1875975040-004	7	-,5662333760+003	-,2286730123+003
	.6247573983-005	-,2561041194-005	හ	-,4058981238+004	-,1891117305+004
	•6504050853-006	-,3062158918-006	Φ	3304734808+005	-,1752650826+005
	.6096502818-007	-,3258282827-007	10	-,3008035777+006	1798538385+006
	.5193696049-008	3123815987-008	44	-,3023326019+007	2023757464+007
	.4052448895-009	2725419204-009	12	3321998313+008	<b></b> 2476939633+008
	.2914666350-010	-,2181598250-010	13	-,3957486605+009	-, 3275322960+009
	.1942820441~011	1613107855-011	14	5075530757+010	-,4652354137+010
	.1205679157-012	-,1108198256-012	15	6965137276+011	-,7063395877+011
	.69930A3563-014	-,7108780289-014	16	-,1017223681+013	1141288967+013
	.3803362208-0:15	-,4276355937-015	17	-,1573346817+014	-,1955078998+014
	.1945011081-016	2421591685-016	18 8	-,2565675660+015	-,3538767751+015
	.9373682964-018	-,1295188694-017	13	-,4392410127+016	-,6747576730+016
	.4264805318-019	6562474230-019	50 8	7861935280+017	-,1351676655+018
	.4554048915-034	6042709130-033	30	-,3449228004+030	-,1353411355+032
	.4851566031-036	1927433474-034	31	,1012886983+032	<b>-,4118270166+033</b>
	7201723225-049	1590704452-048	40	.1616597381+047	-,3143740639+047
	-,1928310030-050	-,3748266567-050	<b>†</b> †	,7162215494+048	-, 1236568491+049
	3410714816-065	-,2569321230-065	20	,9591639349+063	-,6502119873+063
	6874905593-067	-,4659301017-067	23	*+993594982+065	3032386040+065
	1433687543-032	-,2104015419-083	90	,2835620933+081	-,2726150901+080
	2348920670-034	-,2255537731-085	61	.1719627460+083	-,7885794360+081
	-,8878787724-101	,3282287575-101	70	.3441605321+099	.1471400372+099
	-,1219059998-132	.5212744763-103	7.7	.2368037639+101	.1155577457+101
	- 9883835778-120	.1133888204-119	80	.1276065405+118	,1620585186+118
	**1143324331-121	.1452143371-121	81	,9594343504+119	.1352355479+120
	-,1493616272-139	.6767358181-139	90	.6630653572+136	,3926466408+137
	-,1262526961-1/11	.7478534655-141	16	.4212521342+138	.3574084447+139
	.2454415451-157	.1036585464-156	66	6566615001+154	,2262845583+155
	.2958307845-159	.1019314084-158	100	-,7639894658+156	.2213096034+157

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	MAGINARY	133436+00	7355444	00+	+0640906	3889708+0	1552212+0	546500630+0	.9671930279+0	.1250617081+0	.1181076525+0	,9737366202+0	.6878688108+0	,3251047501+0	-,1365731067+0	-,7262131595+0	1460528429+0	-,2304203447+0	3082787332+0	3300850135+0	1788745418	.3919230977+0	4302270517+0	-,9406649360+0	5119060882+0	-,7782858127+0	.4143685105+0	.1619647169+0	-,2929680253+0	.8066643465+0	3635056+0	651355816+0	208743596+1	5262824+1	687231092+1	54877016+1	643690664+1	8753+
1000000000+001	ш	470580734	2154014861+00	-,4280211908	-,2083306	,9519637152	,7368401543	4238443994				•	1	1		,	1	,			.8559827344+015				1	1	•	3			121307526	,3472711	-,267188916	185590854	.396375902	8	7303064	5369884+15
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.001 IMAGINARY	IMAGINARY BESS	762463537+0	15827	1588157430+000	28	2300086461-001	n		-,1869798148-005			- •		.1333129782-008		·H	4988978180-012	5206402077-013	3783122124-014	-,2073249087-015	-,8116628249-017	-,1417635534-018	H .	3.	4.	iń	Ö.	Ň	₹	7	-	3344544737-099		.2%86468400-118	.1095914071-134	96366984-13	79346603-1	1,5
× 11 11	EAL B	634364	607060428+00	18907	5924	26388	67271	737026	12627	15010	11797	34627	29696	131098	14730	11902(	71265	79642	89093	97679	103	05098	2907	2260	37223	7007	145247272	50575	97133	19826	11300	33123444	3625	392207426	121623276	3978733627-13	961506034	4728537873-15
REAL	z	0	**	Q	Ŋ	<b>#</b>	ഗ	Ø	~	Œ	σ	10		15				16	17	2	19	20	30	31	0 †	t <del>1</del>	50	51	9	61	70	71	80	81	06	91	66	100

	HAGINARY BES	.2481020363+003	9452170686+00	321168908+00	554516517+00	9976363+00	125445477+0	208355213+00	008143+00	646668178+00	016625050+00	-,5754756873+00	,6255434631+60	.8705811782+000	.1850683524-001	1185688461+000	6615731074-001	,2232697186+000	.9040287661+000	-,1693158470+001	1519212181+002	.5391468704+001	.7020093685+009	.1510440769+010	.9162092181+01	-,1223614785+019	-,4117366541+027	-,5320725865+028	1320454401+03	743615071+03	533350877+04	274162858+05	562832364+06	90892526+06	2051030+07	66409183+07	091988425+0	-,2702315674+085
	REAL BES	.1051050839+00	*5444585847 <b>*</b>	-,7642886890+	2063532227+	,3626486819+	.123	1116668626+	+6£91061061-	,21883366374	1294037864+	3	1	.9380868845-001	.2859626424+000	.6625322832-002	.4835691616-001	.2194025150+000	6175726965+000	3677480947+001	.4024640425+001	.6366641807+002	,1175359365+009	4099340175+610	-,1723841553+018	-,9893787773+018	-,4616025443+027	.3152283227+028		.1661574657+03	.1675576016+04	.5001219599+04	.3254571882+06	1075162484+	9817492570+07	4249+0	23678900≑08	-,6704468032+085
ii ×	Z	0	-1	N	わ	<b>া</b>	ß	9	<b>!</b> ~	80	σ	10	# #	12	て	7 (	15	16	1	18	19	20	30	31	<del>1</del> 0	4,	20	57	60	61	70	71	80	81	90	91		100
1 IMAGINARY	MAGINARY BES	1050842+004	2444585377+00	7642886935+00	2063532279+00	26486896+0	237367842+00	11666879	904909431+00	r,	1294060455+002	1573074	-,2334937012+001	,9321768912-001	.2953425221+000	,2017842704-001	2652104157	328671-	670910289-	4508393887	6818839915	3199930164-	1095590984	3368721276		.3318889843-021	70172973-	-,1019109822-030	18609072-	4364822656-	4043406050-	4444112769	1501619027-	213188809-	177840853-07	518643089-07	322463253-0	9333442-08
× = ×20	AL RE	181020336+00	152170647+0	521168871400	554516460400	579976284+00	212544536640	Ju8352778+00	244005567+00	546658089-100	16566972-100	754222050+00	255731204+00	571148457+0	539000	236925932-00	1063685809-00	97495079000	472689730-00	3603269236-00	1253283697-00	1062414949-00	146507918-0	552762861-01	663151387-0	508729732:-0	238154149-0	117172707-0	803658268-0	673891892-04	368612812-05	917242775-	187953475-06	79069015406	154642720-0	49858967207	44399171008	59513
REAL	Z	0	•	เ	ю	\$	เบ	G	-	œ	σ	10	<b>+</b>	디	جا بن	#	15	16	17	8	19	20	30	31	40	<b>1</b> 1	20	51	9	61	70	7	80	81	0.0	91	66	100

EAL		001 IMAGINARY X	11	.10000000000+003	
z	ב האו המ האו	TWAGTNADY BESSE	2	2 14 2 14 3 14	TMAGTNARY BESSFI
. 0	3466A8	32842378+042	0	34237	140+6424041
-	220411992+04	295707938+		5295707938+04	220411992+04
ณ	5195200	1195927041+0	N	1195927041+04	195200578+0
ю	1160120	048006260+04	ĸ	5048006260	0
<b>\$</b>	358216616+04	114044657+04	\$	1114044657+04	58216616+0
വ	05902	,4630986377+041	ເດ	,4630986377+041	1059022178+042
Ø	372300969+04	9965803861+04	9		2300969+04
~	28382	408871524	۲	-,4088715249+041	IJ,
8	870792	.85615261484041	Ø		.3787079236+041
Q,	816073438+	7+04	σ	.3474266747+041	949
10	1569216	+0+	10	7063869044+041	3156921696+041
, ; į	32000	2841234654+04	4	2841234654+041	7,
12	32759392+04	59778	75	.5597785729+041	.2532759392+041
13	90845	236275718+04	13	.2236275718+041	9084546
##	955701	4260961805+04	14	4260961805+041	1955701426+041
15	661933	1694052772+04	15	-,1694052772+041	.3661931304+041
9	4534	.3115718071+041	16	.3115718071+041	.1453449942+041
17	624566	235161587+04	17	,1235161587+041	-,2624566517+041
18	039680	21888444	18	2158844408+041	*
19	807327343+04	8668244528+04	19	8668244528+040	.1807327343+041
20	15846	.1477510048+041	20	.1477510048+041	+
30	26065	114337722	30	-,1143377228+040	+
31	83873	⇉	31	-,4657899903+039	\$
0 †	1341	334175870	40	.3341758702+038	.±
<b>41</b>	2269	144633066	41	.1445330666+038	226972916+
20	8883(	378591823	50	3785904103+036	*
51	29842	17869984	51	-,1787000997+036	298465308+
09	59231	711573120+03	60	.1433746517+034	.1585495023+034
61	64464	020349530+0	61	.9090440147+033	3278872+
20	689533485+0	179913071+03	70	.1269600167+036	\$
71	616353470+0	1920136438+0	71	2354457841+03	766755+
80	719582322+0	492163616+02	80	1293706325+0	3001067+
81	163354367+	784713392+0	81	5939168981+03	195264+
06	6913	37654908	06	.2818840230+042	601+
16		-,7508938144+024	91	.2287693458+042	207883+
66	018566	0+49944	66	9932628+04	58645+
00	595318867+0	96574257+0	00	259643646+04	62873+

	AGINARY	ຄດຄວດຄຸດ	00000000	000000	0000000	0	000000	0000000	300000	.00000000000	000000	.0000000000	•0000000000•	.0000000000	00000000000	• 0000000000	00000000000	• 0000000000	.0000000000	.0000000000	00000000000	0000000000	• 0000000000	•000000000•	•0000000000	• 0000000000	0000000	0000000	0000000	0	0000000	00000	0000000	00	000000	0000050	០០០០០០០០	000
.000000000 SECOND KIND	ESSEL	26667 4686+00	6360-00	-,2670383353+000	089230557+00	1947+0	2247023328+001	743+0	616922+0	1400601094+003	7641977839+003	-,4699859189+004	3213481654+005	-,2416670676+006	1981757413+007	1759414965+008	1680950226+009	-,1719387750+010	-,1874517023+011	2169742649+012	-,2657270764+013	-,3432754567+014	5105339782+026	1035482834+028	2315623857+040	6243377856+041	1324326072+055	-,4454547564+056	-,5694438846+070	8	99360968	151169237	54156386+10	781919876+1	7809243+12	0227755+12	50104431+	4410222995+139
11	Z	<b>-</b>	ન	N	Ю	3	വ	ø	^	æ	σ	10	#	12	13	14	r S	16	17	18	19	20	30	3	04	4	20	51	9	ğ	70	71	80	81	96	91	66	100
001 IMAGINARY X			000000	0	0000000000	.0000000000	• 0000000000	0000000000	9	00	00000000000	0000000000	0000000000	0000000000	00000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	• 0000000000	0000000000	00000000000	2	.000000000	2	2	000000000	000000	000000	000000000	00000	000000	000000	0000	0000000
X = .3000003000+001 FIRST KIND	EAL BESSEL	104000	456774998·100	9863	52051662	6149	639746096	9743	248432538	498337563	421469897	526003893	6732	68462	3904	66782	5206	5974	1572	207	255	3942	0755	133(	7820	1644	1961	277	8436	1820	8071	37928	638905	017400491-1	307423096-12	063227	519966196-1	761973541-14
PEAL >	z	<b>-</b>	<del>v-</del> i	Q	က	<b>J</b>	ໝ	9	۲	Ø	ტ	10	11	75	13	14	15	16	17	18	19	20	30	31	40	r: ::	20	21	90	61	22	7.1	80	81	06	91	66	100

IMAGINARY BES .6295920377-002880247246-003299974706-004103255765-003575695-00				
1 204010211	0000040	00-10 m t m	00404040	2294823600+072 1308989789+087 6149376307+088 1263690582+104 6779359159+105 4275821910+121 2579002692+123 6646376704+137
IMAGINARY B 3456775242- 1834116866- 4704001113- 9590195988-		2702407348-010 3051310288-011 3200572426-012 3134952847-013 2880371776-014 2492222849-015	-,1579357925=017 -,1070418553=029 -,5280332429=031 -,2369559886=043 -,4153364780=058 -,1235021425=059	240057201 421252203 896780292 436689956 814054188 129133351 214104935
= .30000000 FIRST KIND REAL BESSEL 4703991098~0 3456775731+0 2986375625+0 1520516687+0 5614969950-0	6727 6727 6727 6727 6727 6727 6727 6727	65390 66520 6520 6520 6520 6520 6520 6520 65	2000 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	.1181842661-073 .1806664669-088 .3791822647-090 .1638330873-105 .3016315779-107 .4305508558-123 .7060017470-125 .2518609298-139
ж М хонина Д				21 21 30 30 90 90 90

0 0 0	96318001-003	-,2880,48679-00	3299946766-0	410	102	10	- 148	-,712	-,390	- 240	164	123	101	006	- 859	878	-,956	110	135	174	237	-,523	109	314	ı	ı	1	9	i	306	3	ŧ	•	127	778	217	45
00000 CG <sub>I</sub> \D	3001	.6297121282-001	2670317862+000	50e0009121+000	9182585924+000	2246642009+001	7318900259+001	2946609755+002	1399980720+003	-,7637737109+003	-,4696673605+004	3210873464+005	2414359195+006	1979553045+007	1757164276+008	1678500792+009	-,1716557338+010	1871056217+011	-,2165278692+012	-,2651213353+013	3424128667+014	5077496349+026	-·1029468060+028	2293628164+040	6181169512+041	1304933199+055	4386756794+056	5575525786+070	2245819395+072	1272426494+087	5972784971+088	1217872546+104	6527517510+105	-,4080661578+121	2458719905+123	-°6280904480+137	4160522951+13
; ii	z 0		ณ	Ю	ŧ	വ	Ó	^	ထ	ზ	10	11	12	13	74	15	16	17	18	19	20	30	31	40	41	20	51	9	61	70	71	80	81	06	91	66	100
IMAGINARY	1456799429-002	834141373-0	4704684742-0	0316511-0	846911307-0	2335461711-003	7123775259-004	-1774731195-004	-,3753189964-005	-,6911206939-006	-,1128470025-006	-,1656442139-007	-,2209531896-008	-,2701797807-009	-,3050487831-010	-,3199557215-011	-,3133797564-012	-2879151933-013	-,2491021218-014	2036642959-015	-,1578393813-016	-,1068843291-028	5272000707-030	-,2363165442-042	8766160690-044	-,4135544742-057	-,1229501205-058	-,9614532642-073	-,2385059614-074	-,4176441736-089	-,8888735897-091	-,4317794406-106	-,8046659916-108	-,1272687827-123	-,2109773266-125	8166679003-140	-,1231051948-141
.3000 RST KI	EAL RESSEL 7030A3204×00	456848291+0	986440	5205	6148	639	9738	2468	14979	24206	5244	46706	6807	63852	66718	65133	59670	51497	42010	2492	23892	10704	51068	17667	63910	4627	1748	7489	1581	17589	6887	5817	9095	1173	7445	3854	557062917-1
<b></b> l	zc	·	N	IJ	≠	ស	9	۳	æ	Φ	10	+1 +1	12	13	14	in H	16	17	<del>د</del> ص	19	20	30	31	40	41	20	51	9	61	20	71	80	81	06	91	66	100

	IMAGINARY	.6336077784	ŧ	8	1	•	ŧ	1	9	ŧ	ì	•	•	ł	į	B	ı	8	ŧ	ŧ	1	ŧ	1	1	ı	ŧ	ţ	ŧ	ı	•	8	ŧ	•	1	ŧ	1903490540+122		
1000000000+000 SFCOND KIND				E	1	•	i	J	•	1	•	1	į	ı	ı	ŧ	•	,	3	1	ł	1	ł	i	1	1										. 2444264170+123		
ii ×	딥	0	4	N	IÚ)	<b>a</b>	ល	Ø																									œ	81	90	91		100
001 IMAGINARY	MAGINARY BESS	18784-0	1836591087-00	4712450897-0	9602374275-0	49963231-0	20736-	7109264459-0	-,1767869713-003	-,3730442280-004	-,6851634789-005	1115446468-005	-,1631888883-006	2168735885-007	2641112774-008	-,2968696619-009	3098721310-010	-,3019202808-011	-,2758328827-012	-,2372187952-013	-,1927105553-014	- 1483379043-015	-,9172835120-028	4472803092-029	1769275454-041	~_6455845588 <del>~</del> 043	-,2555962540-056	7427698865-058	-,4560356638-072	1096076455-073	1362398748-088	2768823856-090	-,7877966901-106	1356976091-1	6513555091~1	8230105582-1	4128494933-1	747272511
× 11 11	EAL B	61223	464107734+00	9929	521178	60013	62839	92527	809235	145848	33579	36646	410684	796967	871198	041516	800391	21849	416289	52732	666843	91364	95665	696172	359266	63663	36686	87238	06956	42207	29379	2810819	21545	84971	4481176	-,7383759998-125	63022	90602
REAL	z	0	m	N	ĸ	±	വ	9	۲	æ	σ	10	#*! #*!	12	13	7,7	ភ	16	17	18	19	20	30	35	40	4,1	20	51	9	61	20	71	80	81	<b>36</b>	16	66	100

	IMAGINARY BESSEL	. 3549294055-001	<b>1442931894+000</b>	1518026501+000	-,18623295434600	4343490684+000	1430659687+001	-,5516879616+001	2429993706+002	1204177742+003	6608470341+003	-,3959179985+004	-,2555780587+005	1755229183+006	1265021552+007	9407930551+007	-,7042807165+008	5068521717+009	3109782883+010	7821629434+010	,2421615191+012	.7284638969+013	.3091841722+026	.5690776239+027	-,5957821363+039	2078555825+041	<b></b> 5595042755+054	-,1642157026+056	,1466357245+070	.7048710173+071	.3721015589+086	.1452359991+088	2990856112+103	1813407602+105	7801446165+120	3649153980+122	.1210670670+137	.9078792797+138
5000000000+000 SECOND KIND	REAL BESSEL	.3660315914+000	.9301586694-001	-,2521307712+000	-, 4581461284+000	-,7175182402+000	-,1424926485+061	<b>3515340759+001</b>	9519784012+001	2309447033+002	-,7157719317+001	.6576952079+003	*8980799659+004	.9810878523+005	.1023688970+007	.1071233419+008	.1144777237+009	,1258267495+010	.1425649988+011	.1664556447+012	.1998854495+013	*2460584990+014	-,1241126680+026	3471205192+027	-,1176092824+040	-,2823920681+641	.3456853535+054	*1437047130+056	.1983188967+070	.6817979898+071	-,3258224837+086	1773009660+088	-,2897593982+103	1252087573+105	.9494613813+120	.6335497955+122	.1177496036+137	,6295233060+138
11	Z (	0	<b></b>	C) I	n	ţ	ហ	φ	~	œ	ው	10	11	12	<b>₩</b>	77	15	16	17	18	19	20	30	31	40	4	20	51	09	61	70	71	80	81	90	16	90	100
001 IMAGINARY X	IMAGINAPY BESSEL	.1759142292+000	,9482860906-001	-,2458631604-001	-,4948984201-001	-,2962033420-001	-,1150362154-001	3376760698-602	-,8007112949-003	1592677017-003	2722532031-004	-,4066395477-005	5368478634-00e	-,6313218451-007	-,6641426511-008	-,6252583389-009	-,5241322248-010	-,3853756875-011	-,2391682272-012	1113439068-013	1716752895-015	,3979384321-016	.1586977031-027	.7291188454-029	9260791572-042	-,5132050566-043	-,4588159559-056	1245891040-057	.5014646940-072	.1623817692-073	.4012293332-088	.7551104704-090	-,2916196435-105	-,6580825203-107	1113883094-122	-,1560413124-124	.5800204311-139	,1062121239-140
X = .36090000000+001	KEAL RESSEL	,2372449625-001	.3542171434+000	.3152713343+000	,1536786193+000	.5234655237-001	.1352661508-001	.2750552081-002	,4431660757-003	.5461636417-004	\$4316090424-005	5877528897-007	-,1004894174-006	2338896743-007	3837096220-008	-,5186580729-009	-,6095852873-010	6394708083-011	5078617344-012	5286360714-013	-,4232769842-014	<u> </u>	3	.294688412049	.2945007688041	.1009707565-042	-,1879966979-056	-,7712599562-058	-, 9824749300-072	2193364552-073	.2483976540*088	.6617926497-090	3947011644-105	.6371238695-107	9730463530-123	1900127149-124	7883836875-139	-,1032551724-140
EAL	Z	0	**1	ณ	ĸ	<b>a</b>	വ	ဖ	<u> -</u>	ဆ	<b>ن</b> ،	10	ત્ન ન્ન	12	5	<b>#</b>	15	16	17	18	6	20	30	5	49	4	30	51	90	ė.	33	71	80	81	90	76	66	00

	AGINARY	030102044	92417321	3112327252	285577073(	5411773446	-,1477911835	- t40069219E	-,1338726958	3683352975	-,4638733649	.5973560459	.9033664985	.9389625123	.8782355675	.7830941079	.6721885673	.5456744853	.3938209748	.1991799768	6413378512	-,4325463905	4727337763	,1393892894	1470718235	<b>~.</b> 5360408669	.5579580891	.2399502089	-,1557777906	-,7667410549	.2289466722	.1262414102	-,1395308141	8483086183	49496653	.1552940880+121	2314955935+135	882396519
1000000000+001	REAL BESSEL	.4748759152+00	.1831778950+								.4341738601+003																								.1943369	.5209003172+12	0870+1	040600941+13
 	2	<b>-</b>	<del>-</del>	Q.	K)	#	ເດ	Φ	۴	ಖ	<b>ጥ</b>	30	11	42	17) 174	14	15	16	17	18	64	20	30	31	40	4.1	50	51	00	61	70	71	80	81	90	16	66	100
IMAGINARY	NARY BESSE	8086643+00	1513066+00	2481105-0	50203	70361	21850372	55922025	10804635	56425904	15209232	394211014	,2322949121-006	.6220828830~007	103945996	,135387384	145914741	13232792	.99893203	.59287466	.216144281	56749150	,942830881	.127724247	-,38974008	-,31297798	,11996131	,e690.1477 <sup>2</sup>	-,479386723	251655185	, and address of	,11853378(	~.61776694J	17951992	24gf	145057235-12		4957525238-13
** \(\frac{11}{2}\)	EAL RESSEL	101617088-60	2249025754	6851203074	581901640+	973009624-	494472318	863(196668)	59089503	1752356778	3688288818	0992u2209-	-2919n6s658	9548a403ti-	76431	426856	32579	482091	83094	927030	870303	692478	4~3	2002	42224	6737	3216	39736	1232	15284	214	787	24856	323221577~	38564034-1	02176138+1	.4241386795-137	382214547~1
PEAL	2	ప	c+i	Ċi	か	<b>≈</b>	'n	Ú	<b>?~</b>	Ø	٥,	10	<b>~</b> !	27	and IN	<b>#</b>	i L	16	<b>₽~</b>	<b>⊗</b>	•~; ()	Ç)	30	31	<del>نا (</del>	r †	(A)	S	60	<b>~</b> ₹	70	7.5	ପ୍ର	:0 :1	90	o,	ቲ የ	280

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REAL	TUC+CONCONCONS X	OUL IMAGINARY X	11	3000000000+001	
	FIRS			SECOND KIND	
z	REAL BESSEL	IMAGINARY BESSEL	z	REAL BESSEL	IMAGINARY BESS
0	-,141614541+001	,1889728259+001	t)	.1896772071+001	.1425531207+001
<b>무</b>	13457931264001	1504461662+001	ent	.1494685555+001	1336011046+06
Ŋ	1335811133+001	-,4645002549+000	N	4814237703+000	-,1346193952+00
n	1553835310+000	-,7776197831+000	'n	7740437368+000	-,1870037233+000
#	-*2483072668+066	2613414392+000	ŧ	2034562454+000	.2249719157+000
κŊ	-,1358322724+000	.1334672412-001	ເດ	01314014952+000	,2192772288+00(
ጭ	2482089347-001	.3641703410-001	Φ	,4235073387-001	.4179390782+000
~	.3148145976-002	1198019724-001	۴	9451762414+000	.7780173642+00(
Ø	2740765304-002	.1402923944-002	ඟ	-,4350334743+001	8358362712+00(
Ď	.6424045450 <b>-</b> 003	F. 2397443705-003	ው	9012569442+001	1547216858+002
10	,5270626153-004	-,1278333916-003	10	.2480573203+002	-,7669916748+002
٠-۱ ۳٠	m,1051575914m004	-,2320058468-004	e-4 e-4	.3642797177+003	1561548555+003
12	4081096937-005	1412593059-005	12	.2008526799+004	.8361778061+003
5	6030070153-006	.3102096997-006	13	45205 <sup>2</sup> 7751+004	1201909071+008
すべ	-,2837828550~007	,9500513458-007	##	<b>3575215011+005</b>	. 7359201526+008
15	.6653819278-008	1182007086-007	15	5330173070+006	.1708735909+006
16	.1685985657-008	,4432978093-009	16	3601017489+007	-,1944667882+007
17	*1809638827-009	1090117973-009	<b>L</b> .	-,8576905531+007	3067214313+006
18	.5539142634-011	-,2357731137-610	18	.1324899035+009	2270081160+009
49	-,1412415051-011	-,2223575361-011	19	.2225481359+010	-,5521901672+009
20	2666008196-012	-,5662630858-013	80	.1792237502+011	.1110340086+011
30	-,53913504:02-024	.3748284667-023	30	6034392490+021	.8226819668+921
31	.1537082600-024	,2034835283-024	31	1451043436+023	.2156516956+022
40	.1961481165-035	.2135273525~036	040	1154602070+034	9175131483+033
##	.7845257677-037	-,6337882003-037	41	3122040580+034	-,2798279150+039
20	.7637400256-050	-,8718339986-049	50	.1706547618+047	2048894225+047
51	Q	-,2757899813-050	51	.6322719173+048	-,5649053537+047
60	-,5380535395-063	3944014773-064	60	.2738733010+061	.2352914932+061
61	1407093635-064	1217775932-064	51	,7652316713+061	.1026914593+063
70	-,4030367800-079	6395352242-078	70	17213870%7+076	.1960089558+076
71	.1258365356-079	.1425142032-079	71	-,8651992715+077	.5530057687+076
ထုဆ	,1849656750~093	.1022321683-094	80	-,5855348286+091	-,5263064800+091
81	.3590277968-095	3218520317-095	81	-,1675574627+092	- 5094294995+093
90	.7636072810-111	-,1551416411-109	90	622677327+1	6218548290+10
91	2419541495-111	-,2667195956-111	16	.3572204055+109	1777699024+108
ው ማ	1384359638-124	-,1514234213-124	φ φ	.5766988211+122	-,2636498782+123
100	-,4326343325-126	1919340721-127	100	.1999323992+124	*1826192644+12 <sup>4</sup>

	TMAGTNARY RESSEL	75010734+003	757039905+0	141131+0	8434299+0	.4047159495+003	9	248068+0	o.	545982+0	9125307+0	1865095+0	9	9	046640	$\circ$	0	0	0	2495+0	0	0	554279589+0	438223+0	0+99#6606	2420427016+017	24748+0	5633+0	4165726+0	035211906+0	208883208+0	19090+0	895631802+0	673746963+0	325830483+0	809192742+0	3739475+0	.1740714419+084
100000000000+002	ă	26690732+00	8818404554+0	-,2564517880	5763915981	,585319379	.2567212024	.214753286	-,745215445	-,185552282	133324178	.584522576	m,124213445	-,105379063	-,479784711	.101591289	-,343200559	.870278482	.743567547	.14427	-,99018	21972	-,37719	<b>.198</b> 6	* # 8445	.60408	*9888	.18068	,25133	,34526	.28452	.30620	.1214504974	,9654246918	.1679133463+07	.7949459548+07	*1861883500÷0	•6607599041+08
II ×	2	; 0	**1			न्त्रे																								61					06	91		100
CO1 IMAGINARY	DFCC	26690726+003	818404911+0	Ğ	~	ග	ű)	•	74	Ø	M	ã	-,1242152655+001	-,1056513178+001	0	1192138586+000	.1851153130-001	***	26	W.	.2112935832-003	Ö	8940846058-012	63	-,7842722548-020	-,1793395911-020	364484U781-029	-,4144759050-030	20	å	052047089-	002876589-	630152-	S	2985475966-074	.3428985923-077	992959799~0	5911544951-087
ıı ü	よれりし	575010691400	757039913+00	458141076+00	1508434321+00	40471	2263574946+00	14632	24478	33666	11291	45217	6422	2507	37601	31777	33481	769691	16778	79507	10281	50109	40925	42492	12756	49239	32260	25999	99182	14192	3957126589**05	3480	2930435149**06	294282341506	9528099390 07	782760731-07	21498206**0	640600585-08
REAL	2	<b>:</b> a	<b>•</b>	· N	(A)	**	ល	9	~	ထ	σ	10	77	12	<b>*</b> 1	77	15	16	17	13	6	20	30	31	01,	<del>-</del>	20	51	60	61	70	72	စ္တ	<b>1</b>	90	93	66	100

REAL	X II II	01 IMAGINARY X	Ħ	.0000000000 SECOND KIND	
2	7		2		
2 C	10178" ACSSEC	DOODOOOOO	z c	KEAL BESSEL 5674944709-00	LEACTIVAKI BESSEL
) (~	05.05.05.05.05.05.05.00.05.05.00.05.05.0	000000000	•	.1804383675+00	00300000
• 0	34731210140	00000000	ا <i>بر</i>	954576+0	000000
Ю	298206182+00	000000	n	1544290991-00	00000000
⇉	870176553+00	000000000	<b>#</b>	186615531	00000000
ល	0681116154	000000	ស	55046	00000u
9	796689986-	0000000	G	_	000000
~	90277818-	00000000	۲-	2739463	000000
ဖ	741434675-	0000000	æ	56377634	00000000
σ	618099715-	00000000	δ	768944493	000000
	07344244	00000000	10	7	C
	274611037-	000000000	<b>#</b>	<b>"</b>	000000
	928786347-	00000000	12	Υ.	000000
	69320699	000000000	13	•	0000000
	55454313	000000000	14	12141451	0000000
	08428018	0	15	28814651	0000000
	67993997	00000000	16	78650938	000000000
	4480	000000000	17	43621473	0000000
	36741630	000000000	8	1667485217+008	300000
	38678653	000000000	19	1209576913+009	000000
	42772676	õ	20	<b></b> 9267951403+009	000000
	28273021	0000	30	7760717570+019	000000
	41999252	00000000	31	9401810041+020	000000
	21034758	0000000	0 †	-,2055758716+031	000000
	31726811	00000000000	<b>#</b>	351726405	000000
	85747935	0000000	20	6964109188+043	000000
	39034701	000000	51	1403223624+045	000000
	28590111	0000000000	9	1786114181+057	0000000
	780914088-06	00000000	61	-,4314878111+058	0000000
	782161370-07	00000000	20	24593248(	• 0000000000
	024178147-07	0000000	7	92643780	0000000
	732233016-08	00000000	80	42533937	00000000
	681093536-	00000000	81	458510607	0000000
	816013	.0000000000	90	2900049665+101	•000000000
	043397689-10	0	91	04900726	• 6000000000
	223967141-1	00000000	65	524781791+1	00000000
100	35650303-	0000000	00	1799713983+11	00000000

REAL	X = .50060000000+00	001 IMAGINARY X	11	.1000000000. SECOND K	
2	101 PA	AGTNARY R		FAL BEGSE	IMAGINARY RECCES
; o	9178493	508943291-004	0	673250155-0	804383866-003
H	9508948257-0	537491038-0	-1	804384247+	28907808
ત	347312261+0	759281540-00	Ø	649955366+0	144109429-
W	298206681+	2528735-00	17)	1544287846-0	1773497938-
#	870176826+0	80297601-00	<b>t</b>	866155159+0	711726130-
ល	068111625+0	5884426725-00	ល	204649751+0	1979424802-
φ.	796689148-0	3965750312-00	φ	184073141+0	4053054095
٨.	790277094-0	1932245416-00	^	3777+0	423335-
Φ	741430791-0	568194912-00	ω	563773218+0	587400701-
Φ	518098113-0	505234727-00	ጥ	689432375+0	1510428-
10	073436962-0	7219421520-00	10	05890+0	095396198-
e e	274594885-0	1847534993-00	닦	59677+0	5826161+
12	928782146-0	425976412	42	529671677+0	073450717+
13	693197190-0	46877497-00	<b>ال</b>	68707+0	5379054
77	554522333-0	1726842550-00	<b>†</b>	09734+0	1481806874
15	084276137-0	3084843319-00	15	288115674+0	0618704
16	579932703-0	5130999573-01	16	5488232+0	12245291374
17	448008038-0	7986515595-01	17	436199360+0	7022204
18	367397291-0	1168400079-11	18	667473427+0	3063024
19	386758709-0	1612598630-01	19	209567391+0	1545518+
20	4276888996-0	2107136937-01	50	267870643+0	1569801+
30	282657771-0	2535424902-02	30	760567511+0	745346882+
33	419930568-0	2093923207-02	31	40161633240	35078114
45	210310411-0	9609514644-03	0 ta	5688970+0	672637226+
41	317031661-0	5956909658-03	41	317145940+0	7659097964
50	857340736-0	2843531767-04	50	3743368+0	0679983614
51	390276768-0	1411495637~04	21	403146994+0	4523609904
9	285248243-0	1110502070-06	60	785979989+0	1484910+
61	780639189-0	4597459905=06	Ć1	314543231+0	4452664
70	781605672~0	8074532905-07	70	613+0	832616074
17	323977945-0	2867252988-07	77	925713225+0	949120541+
80	7311335596-0	1394419137-08	80	75540	++0683440
81	680747397-0	4335657684-09	81	584484290+0	5649729844
06	815404083-1	6858033382-10	90	565561+1	69683574+
91	043227301-1	1896060821-10	91	488282841	7161327+
66	22353671.7-1	4397641317-11	66	870102+1	0374526654
00	534557020-1	1105694445-12		99344092+1	6306437664

	IMAGINARY BESSEL	402749	28910255	44122680	773506173	711717610	979380821	052911825	125372256	-,3587194676-001	281418914	094952960	235593635	1073319342+002	595842501	3147656919+003	899709219	224272804	389735300	091217487	0197911	0372345		5208385	670671839	762502917	055265865	49643175	165927227	354716	471248768	913852058	4159732	47061.1524	240064463	16093648	976281240	605582390
100000000-001 CEFCOND KIND		7388825	40895+00	650033563+00	54397644	866139743+00	204578834+00	3400+00	3434+00	2563463614+00	00	2665056408+002	00	528284326+00	-,2159786322+004	12093667	6285062925+305	3784394196+006	2434677946+007	1666306347+008	1208624836 <b>+009</b>	9259876827+009	7745727082+019	-,9382446557+020	2048788425+031	3305459774+032	-,6927561398+043	-,1395568130+045	1772712738+057	3573	3435021	85411168	0652096	2307308	5177836	274	43392780	285514
11			<b></b> 1	N	'n	व	ហ	ø	7	Φ	σ	10	7	12	13	#	15	16	17	18	19	20	30	31	40	41	50	51	60	61	20	71	80	81	06	91	99	100
OO1 IMAGINARY X	INAGINARY SESSEL	509169112-003	153750301	59361259	912557498	-,4280368236	5884482698	-,3965764825	-,1932239350	-,7568110549	2505183544	-,7219197622	1847455723	-,4259525094	8946245526	-,1726693217	3084523614	- 5130372993	-,7985382187	-,1168209591	-,161239952	-,2106696065	2534108097	-,2092755569	-,9600276223	-,5950876292	-,2839166416	-,1409237512	-1108013833	-,4586801057	-,8049582850	-,2858168088	-,1388777564	-, 4317067802	-,6822747882	-,1886083248-1	0172020-11	1098645353-11
•	EAL BES	9179254	509685723+0	34732811340	298256110+0	87020	05811	7966	79020	74104	61.79	0728	27290	9283	6922;	55246	0838	6792	4468	3655	3839	5423860645-011	4275487326-021	413798668-022	206632063-032	293636177-034	843628098-045	385329878-046	220685028-059	753454925-060	7266	0041	6225	6465	7552	0264(	181056462-1	579-11
REAL )	z			Ŋ	ŧΩ	ŧ	ល	9	۲	ω	Φ	10	**	42	<b>1</b>	<b>.</b> #	ដ	16	17	18	16	20	30	31	07	<b>1</b> 7	20	53	9	61	70	77	80	81	90	16	66	100

	IMAGINARY RESS	.1806291374-001	291550159	8145450777-002	1774330735-501	1710867584-001	1974989026-001	4038710890-001	1120276033+900	3566648784+000	1272297282+001	5050797343+00	2212442967+002	1060247620+003	-,5516753741+003	3096618282+004	1864695775+065	1198802671+006	8194765101+006	-,5933864716+007	-,4536855992+008	-,3652000744+009	-,4426717531+019	5515760292+020	<b>1481668603+031</b>	2435466095+032	-,5854827597+043	1193966689+845	-,1654266912+057	-,4024498379+058	-,2395655836+071	6765493059+072	1400922042+086	-,4500614532+087	<b>2761830593~101</b>	-,9935848375+102	037979583+	-,1590343039+117
• 1000000000000000000000000000000000000	REAL BESSEL	-,5737759402-001	.1810107497+000	.1657856946+000	1512849902-001	1864605107+000	3197505563+000	5158407974+000	1018799967+001	-,2532618064+001	<b>7564414954+001</b>	2610400952+002	1016044905+003	4390551355+003	-,2082195191+004	1074074603+005	5983015915+005	3577466230+006	-,2284535083+007	-,1551292398+008	1115873416+009	8474456620+009	-,6315102468+019	7538686878+020	1400549663+031	-,2210905560+032	-,3638105879+043	7090576641+044	6135617466+056	1401468833+058	-,3733168768+070	9157540317+071	.6426316775+084	.2969140544+086	.6939415730+100	,2709155397+162	.1834324044+115	,76,14531975+116
! !! ×	Z		r-l	ત્ય	Ю	\$	ເດ	ဖ	~	æ	ው	10	<b>~</b> ∙	12	13	2† 74	15	16	17	18	19	20	30	31	07	41	20	21	60	61	70	71	80	81	90	91	90	100
INAG	TMAGINARY BESSEL	-,9533781903-002	153870121	,1761273931-001	Ö	-,4287495133-002	58900A1755-002	-,3957215877-002	-,1931632027-002	-,7559670859-003	-,2500064773-003	~	1839532678~00¢	-* 4235642428-005	8883124633-006	-,1711784057-006	-,3052619002-007	5067874548-008	7872389517-009	1149230026-009	1582615413-010	-,2062823973-011	-,2404196310-021	-,1977684977-022	870029E443-033	-,5363995689-034	-,2420939195-045	-,1193303908-046	-,8745153609-059	3568858367-060	5774835067-073	-,2028754953-074	-,8870336416-088	2722078127-089	3786412055-103	110	<b>'~</b>	-,5141742899-119
# t	REAL RESSE	חו	-,9583485657-001	.1348914098+030	.2303202175+000	.1872903898+000	.1068219770+000	.4788305390-001	.1783039749-001	.5702601951-002	.1602082008-002	.4018583838-003	,9113323976-004	.1286859439-004	.3595404996~005	.6347290032-096	.1043999950-006	,1607589144-007	.2327157085-008	.3178641055-009	.4109859788-010	.5044674500-011	.3575752053~021	.2816535690-022	8554495685-033	.5065726917-034	.1571613987-045	.7410203948-047	.3442607248-059	.1330266449-060	.1017965987-073	.3158317186~075	2299710760-089	1251803312-090	8715169865-104	-,2590319971-105	968504821-11	~.2336194560-119
REAL	Z	ဗ	-	N	ю	<b>4</b>	ល	9	~	æ	თ	10	11	12	13	14	15	16	17	18	19	20	30	ä	0#	##	20	51	60	61	70	7	80	8	90	٠. ۲.	66	100

REAL	.5000	-001 IMAGINARY x	111	.500000000000	
	IRST KI			COND	
z	EAL B	MAGINARY BES		EAL BE	<b>AGINARY BES</b>
0	111933480+00	68234144-001		23444346-00	261474322-00
<b>-</b> -1	,1140512977+00	839658951-00	-	48575227+	757170755-00
N	1387828787+00	047924822-0	(V)	849772268+00	744036-00
'n	2425017471+0	92770365-0	Ю	662502083-0	4964585-00
#	1939028316+00	231189208-0	#	3157	8457013834-00
Ŋ	326+0	3453143-0	ഗ	368	361142735-0
9	582634518-0	1115938-00	9	Š	853101+00
<b>t</b> ~	607616438	82463276-0	7	27434	017623699+00
ω	770914349-0	676504492-00	Ø	1850741816+001	570492+00
თ	1221974543-0	1187838103-00	თ	8077	341338513+00
10	735230202-0	328365617-0		1450296853+002	038178689+00
11	385520024~	8249248195-0	11	69530(	00+69
12	328923161-0	6	75	04265930+003	34+00
13	408507983-	<b>1</b>	13	540892044+003	00+2+0
14	801678155~	å	14	772575585+004	158+00
15	790250724-	8	15	767267568+004	13400
16	933565891-	å	16	0.05	311+00
17	464539801~	52-	17	17511922+006	929+00
18	818498375-	5	18	37180826+007	00+090
19	248438821-	8	19	78853371+008	350+00
50	.2139157711-	-0 <del>5</del> 6	20	1142	00
30	.4891140882-	9480619255-	30	60746	20
31	981745394-	3615234862~	31	1112	
0 \$	014549600-	1076307234-	07	023220	03
41	477561914-	5805-	41	421403	882288+03
20	960468154-	57905285~	20	82710	860142+04
51	098701718-	687227255-	21	66311	558440+04
9	187919690-	981835046-	9	1284153115+057	588970+05
61	999235230~	135938416-	61	14184	557684+05
70	394677216-	513018807	70	3267	3459+07
71	058495451-07	020273865-	71	09958.	053698+07
80	352774753-08	294059131-08	80	92307	322024058+08
81	13393612	31479939-0	81	866	907666991+08
90	332174812-10	96971191-10	90	71882	645094634+10
91	1774156-10	13956303-10	4	39408	763315165+10
66	31024235	1803965	66	37313	388510782+11
100	861018148-11	.4503419752-119	100	,8798015675+116	.6403789615+116

	AGINARY BES	998819668+	534188+00	90342	8676912(	6435856(	59201424	05639	10775514	98674528	03227715	97307555	84763988	46558116	-,888910847	-,298191215	724048861	.128665663	. 426835636	.505279709	.499313016	.464244427	.103348644	.2440583	900053109	-,134630587	42168494	57799807	88962668	59751411	01330987	68042672	16843603	60299739+08	46304467+10	31347958+1	831905809+11	-,2163552094+116
1000000000+001 SECOND KIND	REAL BESSEL	-,1275191184+000	.2395249883+00	.2478735	.1479167	1776776	-,26541735	3164276	-,3832990	-,3791792(	.4427004	.6404941	.4135978	.2371078	.133	.762	***	• 266	,162	.101	.632	.389	-,4059617025+019	4971875025+020	.1597809680+030	.5294291468+031	.2115246732+043	*3544035246+044	-,4534815249	1188031127+05	9586984075+06	.6693121447+07	.2812076048+08	.8253425460+0	2962288506+10	-,1298253584+10	#121279316+11	120606
# *	z	<u>۵</u>	**	လ	የን	±	S	ው	7	ಹ	ζ,	10	11	15	13	7.	15	16	17	18	19	20 20	30	31	40	41	50	5	9	61		71	80			16		
1 IMAGINARY	AGINA	0	1661576796+00	.1966730456+000	209179703	035620958	6468193070	4109524533	1863897638	6681426101	1983497685	5002814367	1087201286	2046348836	3319659508	4537195526	4868231845	2999561339	2654866786	1348748796	3008124714	5167386200	3320031207	1512620	667754637	1618161119	2955190402	2127789449	090711245	726004003	2147352377	8073980591	2226883230	267067088	003275016	4934124877-104	6202603	3002463246-11
X = .500000000000+000	EAL BE	7173566	1751213937+00	515320	2030035	154095506+	072516692+	883441250-	1038198475-	1866876052-	8988863580-	8895772853-	4506753292~	1420393790-	3544198962	7512949096-	1396431485-	2314878803=	3455486191-	4666780178-	5704472515-	6279291533-	7031122326-	61471725	4964311021-	2948250412-	7061467356-	3146002962-	21849933	060281155-	947728844-	1274855437-	4199378365-	.1275508357-	9912704288-	807234	22000850	995145-11
REAL	z	0	•4	Q	לא	a†	വ	9		Ø	σ	10	=	12	13	7	15	16	17	<b>6</b> 0	19	20	30	31	04	4.1	20	51	9	61	20	7.1	80	81	06	91	66	100

	GINARY RES	60719771+001	.1328578005+00	3415990670+00	1004363481+00	5505359879+00	-,7973018056-0	.4813191487-00	.6002225708-	.2739671389+	.1126077983+	,3343560133+	.65374338324	-,3379490537+	-,12648439914	8820055215+	-,4373329151+	-,1580738946+	-,20910593984	.3113789436+	.4062215389+	.3250012499+	*#3#0288962 <del>+</del>	•6195622275+	-, 863659027	.24487:376254	19909823294	14289090254	-,1437922965+053	7809855544	3076091904	367007704	6130610554	32777226+	6733643+09	337824932+0	32411010+10	**
30000000000+001	SECOND SPIAN BR	1267594864+00				1	3847448046+000	1					į	ı	•	1													-,213393309	,1160018365	-,3658963140	-,4697872367	5164827824	1450679630+0	9236269070+09	-,5951912527+0	.7890071066+10	.1440177878+1
!! ×	2		+	N	n	#	ល	9	2	80	ው	10	11	12	13	7.	15	16	17	18	19	20	30	31	40	41	50	51	9	61	70	71	80	81	90	91	66	100
IMAGINARY	MAGTNADY RESCE	1269730527+001	708488017+00	302539506+00	425565448+00	4276381560	213840	1473869721	2043865000	9235263028	690015989E	2365634746	5010553698	228876519	907097917	4687862561	230796491	2108734272	.2290165251	5174416053	4166947546	1124053756	1217510840	.3131553911-020	3159265665	55875537	6414U00336	2787229238	7575553189	3792	1346	6173922764	1468820082	2619	956919092	171945722-09	835124033-1	.1431084094-112
X = .500	1077 1071 1071	16890	1327469638+00	3528196093+00	012246039+00	393840356+0	123960250-00	1036418333+00	031687461-00	2441776512-0	580432732-00	158207487-00	563482875-0	368659413-0	3149245566~	632777718-	603917480-	910728697-	028	-6024881682-	121940937-	.6721051075-0	.4475743520-0	960758790-02	089845728-0	217	111515508-0	419045485-0	171684998-0	528210113-05	815311454-	692940682-17	314419735-	741639933-38	533	987677469-09	26742403	277778765-11
REAL	Z	: c	-	ณ	М	⇉	ល	9	~	ω	σ																									91		

	MAGINARY BES	725112363+00	991440676+0	583383472+00	989406357+00	493270684	59088628	1017420974	9137514124	9252143264	75186174	1222137394	8796194784	1198192524	34958624	349684944	794096545-	Σ	ှင် တို	Τ.	197	5	~	8440883884	6120359424	5335471354	4792434364	9067605394	268941834	7324002454	20347894	4437577654	0423415454	3509640014	38021165	859639346+07	14753889+0	40381810+08
1000000000+002 SECOND KIND	REAL BESS	-,969830016	.119917139	,768425497	,481014937	-,419550328	-,1235880	.137173582	.803371458	180062780	-,255985000	-,320801030	.405058055	.16360445	174897476	253858739	-,186659710	,126193411	-,245181880	595628973	.135538709	.115850493	.234895482	• 26949299	-,361052533	,12381463(	525050994	-,494170486	.232705347	-,388912733	,25255940	,22727522	-,8648644133+	.5971933071+	3444337871+	2780405672+0	.3456988952+08	-,3149496482+08
II ×	ب	0	+	ผ	Ю	#	വ	9	7	ω	Ò	10	#네 6년	12	13	74	12	16	17	18	19	20	30	31	0+7	41	20	51	9	61	70	71	80	81	90	91	66	100
001 IMAGINARY	MAGINARY BE		1199171364+0	7684255003+0	4810149910+0	4195503266+0	123588073	1371735840+0	8033718029+0	1800625248+0	2559859683+0	3208230863+0	4050735743+0	1637460883+0	1734445402+0	2608532866+0	4402703091-0	1703116445-0	8121499345-0	3484287782-0	-,5589194028-003	1412736265-0	2472313318-010	4233176231-0	6089570789-019	-,2074545434-019	377956816-0	894893985-0	6617389849-0	079564736-0	2348320814-0	0575	203	291838755-0	307134022-0	353600707-07	363123003-0	088912906-0
×	EAL RE	725112391+00	.6991440645+	3583393861+00	5989406321+00	1049326989	25908R6253+	1101741893+	5913751947+	49252084664	1157598523+	1122199236+	28790472984	1119915160+	7240406019+	3668889711-	7630185637-	.2211616236-	2146247909-	2380711267-	3458555834-	9734802033-	1521244069-	2765650705-	2022844302-	1903073911	1417724794~	1267372484-0	1297720	4644986136-0	4346071517~0	1790077902-04	1030939145-05	1165920639-06	5690479405-07	867960E089F0R	374805678-08	5480144073
REAL	Z	0	**	N	ĸ	*	ល	9	~	ω,	0	0	<del> </del>	15	<b>H</b>	14	15	16	17	18	19	20	30	31	0 7	41	50	51	60	61	70	77	80	. F.	5	6 6	9	100

		MAGINARY BES	0260071+	291480090+04	85761221+04	591631+04	15764+04	0457336+04	526	3096197+04	7622401+841	.8264576615+041	.2028800415+041	<b>-</b> ,6679084215+041	-,1680018792+041	.5183380678+041	.1343414680÷041	-,3862948340+041	-,1036583769+041	,2764681705+041	.7712451561+040	-,1900218334+041	-,5529652775+040		ı	-,2386906382+038			Ā	ı	.1043143574+0	.1177774385	-,1624399796+0	1419917773+0	,9575277816+0	*3364680709+0	,1206889255+0	.1879490343+0	-,1494135545+0
Ü	SECOND KIND	REAL	1304651691+04	-,3135243271+04	,126553479	,3012899439+04	1178765787+04	28	.1054284580+04	•	9054609354+04	•	•	•	5913770247+04	i	•	.118539899	-, 328457178	-,898239682		,656102143	ì			1	1			1	ţ	1	ŧ			ı	ţ	1	•
IMAGINARY X =		BESSEL	51691+042	43271+041	34794+042	390+62466	65787+042	24737+041	80+45	52+041	54+341	23+041	1+041	+041	7+041	+041	59+041	34+043						81+040		300699+038 40	09+038	88+036	94+036	526+034	512+034	3307+031	3039+031	07127+627	28866+028	86075:524 9	3+024 9	221331+021 99	604781+021 100
00+001		IMA	130	K)	2	m	117	3,	.10	.25	6.	2	•	•	i	ï	7.	•	ı	•			1			,	-:1	, 10	Ī	1124	•	.1056	.2577	.4368	-,222	25 81687	<b>1984</b>	21 ,7356	21 ,2824
11	IRST	EAL E	1602	12914	30857	2275	9182427	1120457	26720626	20096	36762	26457	02880	9649	6800	18338	34341	86294	03656	276468	771245	90021	5296	9134	5800	.2386906381+038	21413	63771	93277	13629	98791(	496828	00712	697414(	859413	836807	3878427	5707	9452
REAL X		z	0			יטו	<b>\$</b>	-	•	7	œ		•	ar H	7,7	'n	<b>±</b>	15	16	7	œ	19	20	O	31	Q #	**1	0	21	9	~	0	71	80	81	0	e-l	<u>о</u>	100

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.0000000000 SECOND KIND	SESSEL	00-6	2+00	90+	6606244	866155315+00	204650467+0	075714+00	00	77634	7689444934+001	2665611441+002	1042662356+003	4529685692+003	-,2160576611+004	-,1121414513+005	-,6288146513+005	-,3786509387+006	-,2436214730+007	1667485217+008	-,1209576913+009	9267951403+009	-,7760717570+019	9401810041+020	-,2055758716+031	3317264059+032	6964109188+043	1403223624+045	1786114181+057	-,4314878111+058	_	-,5926437806+072	<u>1</u> +10	585106079+	00049555410	19007269110	524781791+1	1799713983+117
# ×	z	0	<b>ન</b>	N	ĸ	<b></b>	ເນ	9	^	Ø	σ	1 0	다	12	13	74	12	16	27	18	19	20	30	31	40	41	20	51	60	61	70	71	80	<b>81</b>	06	4	ტ ტ	100
IMAGINARY	IMAGINARY BESSEL	000	$\Box$	.0000000000	0000	• 00000000000	00000000	0000000000	0000000	00000	0000	0	0000000000	0000000000	0000000000	0000000000	0000000000	000000000	0000000000	000000000	0000000000	0000000000	0000000000	0000000000	.000000000	0000000000	00	•0000000000•	0000000000	ຣ	000000000	0000000000	00000000	0	0000000000	.0000000000	.0000000000	.0000000000
•	EAL B	917848	9508940	347312101+00	238206182+00	87017	068111615+00	79668	17902	574147	16180	0734	927461	92878	369320	65545	108426	16799;	24480	33674	438678	54277	42827	341999	121030	731726	857479	3903	92859	37809	7821	0241	732233	63109353	816013	64339768	223967141-1	535650303-11
REAL	z	0	-1	N	ю	<b>-</b>	വ	9	~	ω	σ	10	+4 +4	4	13	#	12	16	17	13	5	50	30	31	) t	##	20	ខ្មែរ	9	95	20	7	80	8	06	16	66	100

	IMAGINARY RESSEL	804383865~#9	289078088-00	1	i	ţ	ŧ	1	\$	1	1	ţ	ŧ	\$	Ĭ	3	\$	ı	t	ŧ	ŧ	\$	•	1	ŧ	3	£	1	ŧ	ı	3	į	ŧ	į	-,5269683574+099	1927161327+101	-,9037452665+113	3630643766+115
000000	EAL BESSEL	250155-00	804384247+	.1649955366+000	1544297846-061	1865155159+000	3204649751+000	5184073141+000	1027393777+001	-,2563773218+001	7689432375+001	2665605890+002	1042659677+003	-,4529671677+003	2150558707+004	1121409734+005	-,6288115674+005	3786488232+006	2435199360+007	1667473427+008	-,1209567391+009	9267870643+009	-,7760567611+019	9401616332+020	<b>2055688970+031</b>	3317145940+032	6963743368+043	1403146994+045	-,1785979999+057	-,4314543231+058	2459074613+071	-,6925713225+072	1425150755+086	-,4584484290+087	1+10	329	2+11	344065+11
; !! ×	2.	0	<del></del> 1	N	H)	#	വ	9	~	Ø	ŝ	10	<del>너</del> 터	12	13	하	15	16	17	18	19	20	30	31	40	<b>1</b> 1	20	21	60	<b>6</b> 1	73	71	80	81	06	91	66	100
IMAGINARY	AGINARY BE	508943291-00	537491038-0	.1759281540-0	,4912528735-0	4280297001-0	-, 5884426725-0	-,3965750312-0	3	"	•	ľ	,	1	;	•	•	1	ľ	;	1	1	,	;	à	•	ľ	ŧ	-,1110562070-060	-,4597459905-062	8074532905-075	2867252988-076	-,1394419137-089	-,4335057684-091	-,6858033382~105	-,1895050821-106	-,4397641317-119	-,1105694445-120
X = ,50000000000+601	EAL RESSEL	917849318+00	08948257-0	3473	2982	8701	1890	47956	17502	74147	16180	0734	92745	19287	36931	5545	0845.	16799	4480	36730	3867	4276	2826	614	2103	3170	85730	390%	2852	78063918	78160567	<b>02397794</b>	73113355	680747	815404043-10	043227301-10	223536717-11	534557020-1
REAL	z	0	<b>+</b> 4	٥ı	50	4	'n	φ	۳-	Ø	σ	10	13	27	<del>ا</del>	14	15	16	<u>-1</u>	43	13	20	30	31	40	** **	20	ដ	60	51	70	77	80	31	90	31	66	100

	IMAGINARY RESSEL	102749-002	1289102555-00	8144122680-003	-,1773506173-002	1711717610002	1979380821-002	4052911825 <sub>-</sub> 002	1125372256-001	3587194676-001	-,1281418914+050	-,5094952960+000	-,2235593635+001	1073319342+002	-,5595842501+002	<b>31476669194003</b>	** 1899709219+004	-,1,224272804+005	<b></b> 8389735300+005	6091217487+006	4670197911+007	3770372345+008	4742118475+018	-,59352083854019	1670671839+030	2762502917+031	7055265865+042	-,1449643175+044	-,2165927227+056	5318354716+057	3471248768+070	-,9913852058+071	2294159732+085	7470611524+086	5240064463+100	19160939484102	8976281240+114	3605582390+116
-100000000-001 SECOND KIND	REAL BESSEL	673888	5	650033563+000	543976445-001	-,1866139743+000	204578834+000	818400+000	1027308434+001	563463614+001	7686189061+001	2665056408+002	-,1042394526+003	4528284326+003	-,2159735322+004	1120936671+005	6285062925+005	-,37843941967006	243467794°+007	<b>1666306347+008</b>	1208624836+009	9259876827+009	7745727082+019	9382446557+020	-,2348788425+031	-,3305459774+032	6927561398+043	-,1395568130+045	-,1772712738+057	4281435735+05B	2434350216+071	11684+072	5+086	73052+087	778350+101	162749+103	7805+115	2855147+117
l li		0	-	N	מי	†	ល	æ	۴~	æ	თ	,, rd	44 14	12	13	14																な	80	81	90	Į.	66	100
001 IMAGINARY X	IMAGINARY RES	09189112-003	537503017-00	759301259-00	912557498-00	803	82698-00	54825-	9322	5681	2505183544-004	-,7219197622-005	-°1847455723-005	-,4259525094-006	A946245526-007	-,1726693217-007	-,3084523614-008	-,5130372993-009	-,7985382187-010	-,1168209591-010	1612399522-011	2106696065-012	2534103097-022	2092755569-023	-,9600276222-034	5950876292-035	-,2839166416-046	-,1409237512-047	1108013433-059	-,4586801n57-061	-,8049682850-074	2858168n88-075	3887	317067A02-	82274788	8-10	72020-11	98645353-11
X = .50000000000+601	FALB	9179254	9509 <sub>68</sub> 57	347.328113400	2982	370203	06811270	796606	179020	57410	517939	4072894	372995	9283	592226	6552	1093875	1679	9448	3365	383	1537	275	413	206	293	843628	383	.92206A5028-059	753454	726674627	004148758	622567855	646549745-	755224	026402	181056462-11	563579-
REAL	2	O	٠	Q	ιť	at	Ŋ	φ	~	æ	٥٠	10	4	12	17 131	14	¥2	16	17	18	53	20	30	31	0#	t†	20	51	60	61	20	71	90	81	96	16	66	100

	MAGINARY RES	85291374	291550159~00		774330735-0	284-00	1974989026-001	-,4038710890-001	1120276033+000	ŧ	ı	1	ŧ	3	į	1	1	į	\$	*	1	ţ	j	•	ŧ	ŧ	ı	į	į	ŧ	23956558364071	6765493059+072	~,1400922042÷086	4500614532+687	2761830593+101	9935848375+102	4037979583+115	1590843039+117
10000000000+000	REAL BESSEL		8101074974	657856946	-,1512849902-001	*	19750556		101879996	-,2532618064+001	7564414954+001	2610400952+002	-,1016044905+003	-,4390551355+003	-,2082195191+004	1074074603+005	5983015915+005	-,3577465230+006	-,2284535083+007	<b>1551292398+008</b>	-,1115873416+009	-,8474456620+009	6315102468+019	-,7538686878+020	-,1400549663+031	-,2210905560+032	-,3638105879+043	-,7090576641+044	-,6135617466+056	1401468833+058	-,3733168768+070	5754031	26316	969140544	9394157304	.2709155397+102	43540444	61453197
∦ ≻			<b>-</b> -1	N	ΙΛ	#	ະນ	သ	~	Ø	ዏ	10	 	12	で	14	15	1,6	4	18	49	80	30	33	0 †	t t	20	51	9	61	70	71	80	81	90	91	66	100
IMAGINARY	IMAGINARY RESSEL	3781903-002	1538701211-00	1761273931	491543441	428749513	890081765-00	3967215877-	1931632027-	7	-,2500064773-003	-,7196812120-004	-,1839532K78-004	4235642428-005	-,8883124633-006	-,1711784057-006	-, 3052619002-007	5067874548-008	-,7872389517-009	1149230026-009	-,1582615413~016	-,2062823973-011	2404196310-021	1977684977-022	8700295u43-033	5353995689-034	-,2420939195-045	1193303908-046	-,8745155609-059	-,3588858367-060	5774835067-073	2028754953	887033641	272207812	786412055-1	566	674007-1	141742899-11
и й ×	1 A C	925	9583485657-00	1348	303,	972	068219770	788	783039740	702t	50208	OIAE	113	8868	359540	c347	1043	1607	2327	3178	4109	9440	575	귽	5541	065	571	4103	F423	330	017	15831718	299710760	251803318	715169865	9031997	968504821-1	2336194560-11
REAL	z	0	**1	N	'n	<b>a</b>	ທ	9	^	æ	Ø.										G.																	

	IMAGINARY RESSEL	,9261474322-001	,6757	ı	1	ı	1	ŧ	ŧ	ŧ	i	ŧ	ł		ŧ	ı	•	1	1	1	ķ	1	1								ê	1	į	ē	1	ŧ		
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и *	لب	ŀ	<b>+</b> 1	લ	ĸ	<b>\$</b>	ល	9	<b>!</b> ~	හ	Φ	10	##	12	₩ (%	14	15	16	17	18	19	20	30	31	40	44	20	51	9	61	70	71	80	81			8	
-001 IMAGINARY	MAGINARY BESSE	068234144-001	3965	047924822-	.2492770365-001	2231189208-001	-,3013453143-001	- 2001115938-001	-,9582463276-002	-3676504492-002	-,1187838103-002	3328365617-003	B249248195-004	-,1834366099-004	3699442183-005	692u176982-006	1159294178-	-,1823857522-007	-,2669573262-008	3649204429-	4673185278-	5620422040-	-,9480619255-022	3615234862-023	.1076307234-032	.7123933805-034	.3557905285-045	.1687227255-046	.3981835046-059	135938416-	5130188076-	2020273865-	1294059131~	3931479939~	2696971191-	5913956303-	8039651-	603419752-
17 U	EAL RE	111933480+	1140512977+0	1387828787+0	425017471+0	939028316+0	070440326+0	4582634518-0	1607616438-C	4770914349-0	1221974543-0	735230202-	385520024-0	328923161-0	408607983-0	801678155-0	790250724-0	933566891-0	0-108615494	5818498375-0	1248438821-0	39157711-0	91140882-0	81745594-6	1014549600-0	5477561914-0	8960468154-0	6098761718-0	1187919690-0	999235230~0	394677216-0	058495451-0	352774753-0	8133936126-0	5332174812-1	531774156-1	024235	861018148-1
REAL	z	0	#	ત્ય	Ю	#	ĸ	9	<b>~</b>	හ	סי	10	디	12	13	<b>#</b>	12	16	17	18	19	20	30	31	40	43	20	51	9	61	70	77	80	81	90	91	66	100

	AGINARY R	8819668+000	45534188+0	903420-	6759120	4358560	59201424	2847056399+000	7107765148+000	98674528	-,6032277154+001	1973075553+002	-,684763985	246558116	888910847	-,298191215	-,724048861	.12866565	. 426835636	.505279709	.499313016	.464244427	*103348644	,244058393	900053109	134630587	.142168494	.357799807	,268962666	459751411	601330987	-,16804267	,716843603	.396029973	*384630446	.113134795	-,4831905809+114	6355209
10000000000+001	BEAL BESSEI	1275191184+00	2395249883+0	•	.147916	i	i	í	i	î	٠	•											ì	ł					ı	•	\$				1	1	1	1206062898+11
!! ×	7.		+4	N	n	#	ß	9	7	80		10	Ħ	12	13	<b>†</b>	15	16	17	18	19	20	30	31	40	41	50	27	60	61	70	71	80	81	90	46	66	
IMAGINARY	TWACTNABY BESSE	12101916054000	661576796+00	966730456+00	20917970	<b></b> 5035620958~001	646819307	<b>-</b> 4109524533-001	186389763	6631426	98349768	500281436	w	204634883	331965950	453719552	486823184	-,299956133	.265486676	.13487487	300812471	,51673862	.332003120	.151262063	-,26677546	161816111	295519040	12778944	09071124	900406	214735237	807398059	22688323	26706708	09327501	93412487	62026031	3002463246-11
X = ,5000000000000+001	-	717 4566	1751213937+00	515320504+0	5487+00	1540955	072516692+	883441250-	038198475-	8663760	988863580-	8957728	5067538	1420393790-	544198962-	7512949096-	1396431485-	3148	4554	6667	57044	62792	70311	1471	9643	29482504	7061467356-	1460025	184993388-	0602A1155-	947728844-	274855437~	199378365-0	,1275508357-08	912704288-1	307234	18507-1	556995145-11
REAL	2	: c	•-1	N	ĸ	<b>:</b> †	വ	S	^	æ	σ	10	4	2	2. 3.	14	15	10	17	18	13	20	30	<b>1</b>	40	41	20	51	9	61	70	71	80	91	06	91	66	100

	IMAGINARY RESSEL	71+0	,1328578005	3415990670+000	-,1004363481+001	-,5505359879+000	-,7973018U56-001	.4813191487-001	.6002225708-001	.2739671389+000	.11250779834001	,3343560133+001	.6537433832+001	-,3379490537+001	1264843991+603	8820055215+003	4373329151+664	1580788946+005	2091059398+005	.3113789436+006	.4062215389+007	.3250012499+008	.4340288962+017	.6195622275+018	-,8635590276+026	.2448737625+029	-,1990982329+040	1428909025÷041	-1437922965+853	2780985554+054	-,2307609190+066	9336700770+067	.1613061055+080	3532777226+081	.2186733643+095	43378249324096	3241101	.2828811016+110
30000000000+001	) K	12675948	•	٠	•	1	;	i				1	1	1	}	ı													- 2133933092+052		2	-,4697872	516482	-,1450679630	-,9236269	-,5951912527+	.7890071066+10	.1440177878+110
 	Z		+1	N	N	⇉	ស	9	~	æ																							80	81	90	ö	66	100
001 IMAGINARY	TARGINARY BESSE	9730527+001	8708488017+00	1302539506+00	2425565448	۲ ا	3802138407+00	*	2043865000-00	O		2365634746-00		5228876519-004	- 6907097a17-n05	-,4687862561-005	~_1230796491-005	-,2108734272-006	2290165251-007	5174416053-0n9	4166947546-009	1124053756-009	,1217510R40-019	3151553911-020	-,3159265665-030	-,4555875537-033	- 6414000336-042	2787229238-043	-,7575553189-055	-,4590823792-056	7117821348-070	6173922764-070	1468820082-08	2030112619-0	3956919092-097	17194572	83512	10
X50	Λ	11689	1327469638+00	3528196093+00	2246039+00	386	3960250-00	1036418335+00	7031687	2441776512-00	4580432732-09	515826	35634	3659	200	. 7	26039	79107	30280	, c0248	81219	67210	44757	29607	50898	42177	11115	24190	61716	6528210115-05	915311	969294	1314419735-08	6741639933-0 <sup>8</sup>	55332764	4987677	9267424030-11	2277778765-1
REAL	Z	: =	•	۱۵	'n	<b>.</b>	ູນ	G	· >-	ره	φ	10	11	75	13	14	15	16	17	8	13	20	30	31	0.5	41	20	51	9	61	70	71	80	81	ر د	16	66	100

	IMAGINARY RESSEL	5112353+00	991446676+0	58338347	98940635	932706	59088628	10174209	375141	521438	751861	221373	7961947	-,111981925	-,727349586	- 434968494	,879409654	.106252038	.856267858	-,672883802	284455657	.464183154	-, 42396875	.184408838	-,361203594	-,353354713	347924343	290676053	89416	\$4005¢	203478	4.275776	042:4154	0,04960	3802116	$\boldsymbol{\pi}$	75388	,7040381810+081
1000000000+602	ш	69830016	199	3425497	937	-,4195503227+003	063	37173582	03371458	0062780	5000	0801030	+00	.1636044572+001	1748974760+000	2538587394+000	1866597102-001	.1261934112-001	2451818802+000	5956289739+000	.1355387055+061	.1158504930+002	.2348954821+008	.2694929991+009	-,3610525330+016	.1238146302+017	5250509948+025	-,4941704863+026	່ດ	λī		775	8644133	971933071	7871+06	0405672+07	456988	3149496482+080
ii ×	z	0	**	N	ĸ	#	ស	9	~	æ	ው	10	<b>~</b> 1	12	13	14	15	16	17	18	19	20	30	31	O \$7	41	50	51	90	61	70	71	80	81	9	91	66	106
00+001 IMAGINARY )	IMAGINARY BESSE	698300194+003	1199171364	84255003+00	0149916400	4195503266+00	5880735+00	1371735840+00	80337	1800625249+00	2559859683+00	30863+0	.4050735743+001	1637460883+0	1734445402+0	C	0	0	8121499345-0	0	5589194028-003	1412736265-003	2472313318-0	4233176231-0	.6089570789-019	-,2074545434-019	.1377956816-027	.78948939 <sup>2</sup> 5-029	.6617389849-039	79664736-0	Ö	5067596655-0	981362-06	1838755~	22-07	4353600707-074	63123003-0	08891
• 50000000 • 50000000	IAL RE	725112	8991440645+00	583383861+00	989406321+00	046356684400	2590886255+00	1101741895	5913751947+00	4925208	11575	122	287901	1199151	00+610904042	5688897	763018	221161	2146247	2380711	3458555	9734802	1521244	276565(	2022844	903073	41772¢	267372	2977201	946446	43460715	790077	330939145	165920639-06	5690479405	8679605209-07	9374805670-0	480144073-08
REAL	z	ວ	-1	ณ	Ю	#	ហ	Q	~	ထ	σ	10	11	12	13	74	15	16	17	18	13	20	36	31	40	41	20	21	60	61	20	7.1	80	81	90	16	66	100

**有效的基础等的** 

EAL	x = .500000000000000	001 IMAGINARY X	j: 5 j	120000000000000000000000000000000000000	
1	FIRS			SECOND KIND	
	REAL BESSEL	IMAGINARY BESSEL	Z	REAL BESSEL	IMAGINARY RESSE
	.3160260071+041	-,1304651691+042	0	-,1304651691+042	3160260071+041
	1291480090+042	-,3135243271+041	+1	-,3135243271+041	.1291480090+042
	-,3085761221+041	1265534794+042	N	.1265534794+042	.3085761221+041
	1227591631+042	3012899439+041	ĸ	,3012899439+041	1227591631+042
	.2918242764+041	-,1178765787+042	ŧ	1178765787+042	2918242764+041
ıc:	1120457336+042	- 2803824737+041	വ	2803824737+041	.1120457336+042
	2672062646+041	1054284580+042	9	.1054284580+042	.2672062646+041
	.9820096197+041	2525680452+041	7	.2525680452+041	-,9820096197+041
	2367622481+941	- 9054609354+041	Ø	9054609354+041	2367622401+041
	-,8264576615÷041	- 2200960623+041	σ	-,2200960623+041	,8264576615+041
	-,2028800415+041	,7467398698+041	10	.7467398698+041	.2028800415+041
+	.6679084215+041	1854187156+041	## ##	.1854187156+041	6679084215+041
	,1680018792+041	5913770247+041	12	5913770247+041	1680018792+041
	5183380678+041	-,1508967634+041	13	-,1508967634+041	.5183380678+041
##	-,1343414680+041	4497427259+041	74	.4487427259+041	.1343414680+041
ស	.3862948340+041	1185398994+041	15	.118539894+041	<b></b> 3862948340+041
	.1036583769+041	-,3284571728+041	16	3284571728+041	-,1036583769+041
	2764691705+041	-,8982396822+040	11	8982396822+040	,2764681705+041
	771£ 51561+040	,2303666200+041	18	.2303666200+041	.7712451561+040
19	.1900218334+041	,6561021430+040	19	.6561021430+040	1900218334+041
20	.5529652775+040	-,1551667056+041	20	1551667056+041	-· 5529652775+040
00	-,5913438426+039	,1174032281+040	30	.1174032281+040	.5913438426+039
	.8580002679+039	.4483146858+039	ij	• 4+33146858+039	-*8580002679+039
	.2386906381+038	3241300699+033	04	3241300697+038	2386906382+038
	-,2141393004+038	1640847309+038	41	16408473094038	.2141393007+038
S.	3637711515+036	.3242436788+036	20	.3242421529+036	,3637718313+036
	.1932779606+036	,2270717394+036	21	.2270705773+036	-,1932804186+036
	,2136296901+034	-,1124095226+034	9	8686183912+033	2334373730+034
	5987910359+033	1213996512+034	61	8507230354+033	.1043143574+034
70	4968283277+031	.1056093307+031	70	8760421885+035	.1177774385+036
<b>-</b>	.4700712755+030	.2577473039+031	71	~.2320109680+036	1624399796+036
	.4697414021+028	.4368207127+027	80	,5029763564+038	1419917773+039
	.2785941357+027	-,2229828866+028	81	.2997858908+039	,9575277816+038
	-,1836807730+025	8168786075+024	90	5906535472+040	.3364680709+042
91	-,3878427535+024	,7984049663+024	91	-,7582669499+042	1206889256+041
66	-,6570776301+021	,7356221331+021	66	6282562838+045	.1879490343+045
00	.2945241870+021	,2824604781+021	100	-,5048906699+045	-,1494135545+046

	IMAGINARY BESSEL	3	0000000000		000000000	0000	• 00000000000	• 00000000000	•0000000000	0000000000	•000000000	•000000000	0000000000	• 0000000000	• 00000000000	• 00000000000	• 0000000000	• 00000000000	,00000000000	• 00000000000	• 00000000000	• 0000000000	•0000000000•	•0000000000•	• 0000000000	• 000000000	• 0000000000	• 0000000000	• 00000400000	00	.0000000000	00000	90	000000	00000	000000000	•0000000000
*0000000000 SECOND KIND	SSEL	390715291-00	•6279282638=0	05U093U495 05x27478A8	165	9	8768261	33221	4111732775-001	1124057894+000	1724536721+000	-,2497469220+000	-,4019642485+000	-,7551636993+000	-,1636977739+001	3992071745+001	1073844467+002	3144479567+002	9931834017+002	3360330630+003	1211210605+004	6908318646+010	-,4093269153+011	1510304919+019	1203903628+020	4528227272+028	4527283158+029	1063059842+039	1277304015+040	1365335509+050	248513	¥	9955+0	44906012+07	- SEU7182139+075	319200281+08	26309+0
11 ×	21. c	<b>.</b>	H (	N K	<b>(</b>	ເດ	9	^	Φ.	(r)	10	11	12	13	74	15	16	17	# 8	19	20	30	31	:) ()	44	20	21	90	61	70	71	80	81	06	C)	ው	100
JO2 IMAGINARY	MAGINAR	ານຄອດຄຸດ	• 0000000000		0000000	.0000000000	0000000	0000000	0000	• 0000000000	000000	000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	• 0000000000	0000000000	.0000000000	0000000000	00000	.0000000000	0000000000	0000000000	0000000000	0000000000	0000	0000000	0000000	0000000000	9	000000	00000000
X = .10000000000+002	RESSEL	44021.1354-00	78466	*1244//	1055892	5553451	4450132	113386	125578(	<b>†96000</b>	4605	5574	7215	4655	29410	10635	5590	1094	2388	.8896627269-005	3083	5120	19680	4356	0311	2306	186123	8825	45090	247543	68747	382570331-05	90-16211	847244364-0	108565657-0	9360214-08	832040132-0
REAL	z	ဘ .	rl (	N K	) \$		ယ	<b>?~</b>	Ø	σ	10	<b>+</b> +	12	13	77	12	16	17	87	19	20	30	31	040	41	20	51	9	61	20	77	80	81	90	91	66	100

	IMAGINARY RESSEL .6279283901-004	359656-00	231363186-00	693831471-0	49752539	796006266-0	041976464-	087176496-	51192950-		324095-	-,1272426126-	-,2728065445-	6552647679-	1700302407-	-,4750335391-	1426327837-	-,4586216596-	1572599663+	5727474388+	-,2207507710+	2020770338+	1240760828+	5997801553+	-,49053509354	22631595034	-,2308894341+	6394640537+	-,7812927709+	95950534054	1365313508	-,60014426474	-,9745123172+	067483124	841241	2971449644	8615517144÷084
1000000000-002 SECOND KIND	ESSEL 8358-00	28-00	2734-00	532752351-	940334-0	.9383356872-001	.1048768585+000	P	Ó	Ç	1724536557+000	2497468693+000	4019641087+000	7551633241+000	1636976669+001	-,3992068476+001	-,1073843401+002	3144475869+002	9931820427+002	-,3360325352+003	1211208447+004	6908287956+010	4093249656+011	1510292690+019	1203893574+020	-,4528169539+028	4527223081+029	1063040280+039	1277279719+040	-,1365301404+050	-,1915199151+051	7467243115+061	<b>1197509813+063</b>	6259+07	07071923+67	1898434	-,8572789036+086
H	20	<b>~</b> i	N	<b>K</b> )	#	ເດ	9	~	Ø	Q	10	11	12	**I	14	15	16	17	18	19	80	30	31	40	41	20	51	60	61	70	71	80	81	90	61	66	100
002 IMAGINARY X	IMAGINARY BESSEL 7846695228-004	7009551271-0	55084289	937405454	-,1329880133-004	7226858	966	46207	366011226	25481616	2903074142-004	-,2191585719-004	-,1319361507-004	-,6764181143-005	-,3053966687-005	<b>-</b> 1239409832-005	-,4585057063-006	1562107269-006	-,4940261252-007	-,1459521485-007	-,4049044520-008	7127197321-015	-,1203363433-015	-,3271144607-023	-,4104768146-024	1093482695-032	-,1093908707-033	-,4665072252-043	3883094276-044	-,3636376586-054	2592537373-0	6654369590~06	4149732991-	-,3441389923-078	07338815-07	1816515-0	58031486A3-091
X = .100000000000+002 FIRST KIND	L RE 0214	46697324-00	94223577-00	3949545	105589	.5553453829	4450132657-00	1133362510+00	5578	600	5051541	574	215	555	110	535	55590	11094	388	996	083	120	40896	356	311	306	966	825	5079163	4741756	8738781	82309	.5161779597-065	470	ពួមមុខជូ	69304067-9	317
REAL	zc	-	N	ĸ	⇉	വ	9	~	ю	Ç١	10	11	12	13	7 5	15	16	17	18	13	20	30	31	04	41	20	21	9	61	70	71	9	81	06	61	φģ	100

White First William I was Still beautiful

	IMAGINARY BES	.6279408983-	7134948071-00	•	•	•	٠	i	i	1	•	ì	i	5	i	i	i	1	i	i	ŧ	i	8	ı	i	i	i	•	\$	i	i	ť	ŧ	*	i	2380726066+	-,4289915193+084	600832020+
1000000100-001 SECOMD KIND			,62796616	1	•	ŧ				1	1	i	1	8	ı	ı	1	1	1	ŧ	1	£	ł	ţ	١	1	1	ı	ŧ	-,1274875191+040	-,1361916577+050	-,1910314609+051	ł	3	1	-,2596168527+075	97625199+0	529537260+
ii ×		0	<b>~</b> 1	N	'n	#	ស	9	_	æ	Q	10	뻐	77	<b>44</b>	14	15	16	17	18	19	20	30	31	£0	41	50	51	9	61	70	71	80	81	90	91	66	
IMAGINARY	MAGINARY	61989	009682	55084862	937419128	90172	ž	6862128	62079096	366194395	25481898(	290309206	312	13193600	676414796	30539392	12393933	45849745	15620713	49401215	145947198	40488830	71263601	12032105	32703987	41037793	-,1093076419-031	1093484588-032	-,4662515566-042	3880890572-043	36219	59051448	6477155	414547534	34370010	190485036	96	793958704-09
X = .10000000000+002	EAL RES	4405615	47008574-0	794640	40	0559337	55	4501746	1334826	854+	16000	46051	55741	72156	46534	160 116	106346	55878	11093(	32385	89552	3080	51108	08796	4295(	03036	22807	18341	86911	43848	23513	67849	35650	14548	83203	100	637	803482698-08
REAL	z	0	++	N	n	<b>\$</b>	വ	છ	۲-	æ	ው	10	11	12	13	7	12	16	17	18	19	20	30	31	40	44	20	51	9	6	20	71	80	81	96	91	66	100

IMAGINARY BESSEL. .6291923854-002 ~.7143792442-002	.2695097860.0 .9461377330.0 .5803441473.0 2043187905.0	-,7953506797-0 -,7126325773-0 -,7720370515-0 -,1270256879-0	6536411761-0 1695276118+0 4733745961+0 1420517453+0 4564688099+0	5192565692+0 12192565692+0 1219745256+0 5828655271+0 4760286600+0 2164412535+0	73115837 84927633 12480082 53539469 86686111 11305562 36043207
0000+000 ND KIND BESSEL 411916-00 219824-00			7514161014+000 1626293563+001 3959445845+001 1063208810+002 3107606427+002 9796351321+002	330/740013+003 1189706108+004 6604029117+010 3900071340+011 11389830603+019 1102959562+020 394054747+028 3940743975+029	1042445484+040 1038119114+050 1443632649+051 5161904798+061 8891388234+073 1583672536+075 2340470492+085
11 2040	10 m t u	86044	24544444444444444444444444444444444444	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	447 447 447 447 447 447 447 447 447 447
1002 IMAGINARY X IMAGINARY BESSEL 17022815605-002 -5514222658-002	-,9387870703-002 -,1353633301-002 -,7233828792-002 -,8676296413-002			1454525294-0054032753191-0067042888498-0133196268188-0214005543729-022105152864978-0301051528872-031	3664024068-042 3364050324-052 2392683132-053 6001194842-054 3732112460-065 3514040304-076 1665245394-077 9792415035-088
.10000 IRST KIN EAL BESS 47529201 87815182	395758946300 1059985938+00 558012993400 445437378600	2575 0017 4601 5559 7180	5330 5330 5330 5995 5995 5995	78888888888888888888888888888888888888	.5333586631-042 .4051573888-052 .2823189251-053 .5961008953-064 .3596574343-064 .2399157445-076 .1309157445-077 .6497402909-088
REAL NO 10	4654				711 711 711 811 811 99 90 100

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REAL	200+000000000ut = X	002 IMAGINARY X	11	-,56000000000+000	
	FIRST KIND			SECOND KIND	
Z	REAL BESSEL	IMAGINARY BESSEL	z	REAL BESSEL	IMAGINARY BESSI
C.	$\sim$	9-001	0	00-	.3299698545-001
~	.8544227133-001	,3672629570-031	-4	.7248182819-001	3679983342-091
N	.8869147248-001	-,2827115114-001	N	-,7072509136-001	4292488929-001
Ł۷	4150210647-001	-,4861486803-001	(A)	-,1065857419+000	1362719309-001
#	1159732223+000	7123333968-002	#	4244455828-002	.4871544710-001
ıO	-,6229375388-001	.3701407444-001	ហ	.1006885295+000	.2991684868-001
Φ	,4559027626-U01	,4431966855-001	¢	.1130843120+000	1036492074-001
~	.1185397196-000	.2341379297-301	7	.4662650831-001	-,3602549375-001
œ	*1300242325+000	-,4182536688-003	œ	4062378879-001	4005029373-001
თ	.1019857135+000	<b>-1309885255-001</b>	φ	1121189432+000	3533462733-001
10	.6450565850-001	-,1474245162-001	10	1685225479+000	3754281503-001
7	,3468455108-001	ŧ	<b>~</b> ⊢	-,2369637051+000	6095941664-001
12	.1633382228-001	-,6577814380-002	12	-,3681419797+000	-,1294970696+000
13	.6868349174-002	ŧ	P)	-,6649493277+000	-,3078789091+000
すた	,2614224493-002	ŧ	t	-,1381283988+001	-,7892472832+000
13	.9098349247-003	ì	ដ	<b>3216629433+001</b>	-,2175017150+001
16	.2918208889-005	1	16	82291136034001	-,6433825762+001
17	.8679706301-004	f	17	-,2281279066+002	2035807887+002
18	.2406052868-004	-,2295736791-004	<b>1</b> 8	786276021+002	-,6862404397+002
13	.6241409978-005	-,6682334436-005	13	2149894683+003	2454409968+003
20	,1520073945-005	-,1824706262-005	80	7207636060+003	\$280271618*003
30	.3994449714-013	-,2582812349-012	30	7246851039+009	-,6590879068+010
31	.4288919263-014	-,4238189424-013	31	2216252930+010	3917910011+011
40	-,318207479U-021	-,8291981761-021	40	.5751431311+018	-,1312032154+019
41	-,4411041069-022	-,9934610505-022	41	,5111795343+019	1019589217+020
50	-,1829466354-030	-,1518162688-030	20	.3391495527+028	-,2550275377+028
51	1868581437-031	-,1396370356-031	21	.3512046355+029	2370710714+029
3	-,8359498726-041	1564451147-041	9	\$50+2884406426*	-,1338602796+038
79	-,6905635554042	-,9336409224-043	61	.1176576799+040	1011807118+D39
76	5440220645-052	.1805006482-052	76	1164218948+050	*4506093311+049
77	-,3758693027-053	.1461352740-053	7.	,1597181864+051	.7128140996+050
80	-,6295197270-064	.6804936670~064	90	•4330766843+061	,5169595557+061
3 1	3665344591-065	,4385609140-065	쯗	.6511039956+062	,8618785416+062
90	1038745598076	.4180592513-076	96	.2487151171+073	.1264599373+074
16	4540491356-078	.2319847499-077	91	.3331404236+074	.2298652475+075
66	708	337972	66	-,9720831636+084	.3683737504+085
001	.1691803521-089	,6391520301-089 1	001	-,2291234350+086	.7196879267+086

M ZOHNNOFE	x = .10000000000+002 FIRST KIND REAL RESSEL 92878A3440-001 .117832453+000 .1235854298+000 4758074927-001 1490672277*000 8371776745-001 .1348921678+000	IMAGINARY BESSEL . 8931990281-001 . 6404374070-001 - 6103512106-001 - 1721114487-001 . 7952166958-001 . 4870723576-001 . 4870723576-001	II ZOHUNTUOF®	1000000000001 SECOND KIND REAL BESSEL .1218635249+000 .1041908688+000 1432138916+000 1268889286-001 .1224102547+000 .1388579444+000 .5911753228-001	IMAGINARY RESSEL .7611977838-001 8057672154-001 .2619507937-001 .1055741086+000 .5564125469-001 2175182330-001
20244	.1438/246324000 .10766161934000 .6400433311-001 .3183460905-001	-,2341312572-001 -,2841312572-001 -,2245816264-001 -,1302578457-001	0 0 1 1 2	1123192643+000 1585173807+000 2029606448+000	-,6894052166-001 -,6882757754-001 -,1071253821+000 -,2213400730+000
1040040	. 5064239130-002 . 1648787778-002 . 4661689828-003 . 1113007861-003 . 2054346580-004 . 1841600180-005	6416413970-002 2773198749-002 1072821591-002 3765384272-003 1210839338-003 3594020246-004	8459F89	-,4335277958+000 -,7433574988+000 -,1339777107+001 -,235152482(:001 -,3296090077+001 -,4797523704+002	-,5098736446+900 -,1257582051+001 -,3314444793+001 -,9326685041+001 -,2792720256+002 -,8859295901+002
88 4 4 3 8 6 9 6 9 6 9 6 9 6 9 6 9 6 9 6 9 6 9 6	-,6511949169-006 -,4547450567-006 -,4706180872-013 -,7767203439-021 -,8627859176-022 ,4950494363-031	* * * * * * *	30000000000000000000000000000000000000	.2604809139+003 .2604809139+003 .5715990314+010 .3434460170+011 .8381344269+018 .5887188829+019 9276862998+027	-11318304362+010 -1318304362+010 -4173051158+010 -8912620760+018 -7716398404+019 -3369813559+028
60 770 771 771 771 771 771 990 990	.9888239675-041 .8422689336-042 .5057047315-052 .3946688486-053 7248789671-065 12217197117-065 5270361590-076 3050579320-077 172505139-087	.4005748140-041 .2457608689-042 -,4354917082-052 -,3489544751-053 -,1249827717-063 -,7650527628-076 -,1322759743-077 -,1322759743-088 -,4548210709-088	60 70 71 71 80 80 90 90 90	-,7492389074+038 -,9180469731+039 -,7177608147+049 -,9083151332+050 ,7730771211+060 ,2013989998+062 ,8399147220+073 ,1566287892+073 ,2509825096+085	.2219819441+038 .1736564244+039 6307560618+049 9767261625+050 4914372829+061 7679044812+062 5650243431+073 5029004162+074 .1235579264+085

		IMAGINARY BESSEL	- 3360195830+000	8163608759+000	.1108258526+000	,7280646458+000	.4446572645+000	1294245663+000	-*4024306492+000	-,3391434110+000	1729107592+000	6812993497-001	-,5273496492-001	8922445284-001	-,1222592563+000	4546227795-001	.5134240560+000	.2748056938+001	.1061741762+002	,3655813189+002	1176091892+003	,3532524334+003	-,1321696986+010	5394877622+010	+2048674656+018	1199117032+019	120+40222244024 1400445024	07040201020405-	/ TD+C%???/ 101/ •	0.04.0000000000000000000000000000000000	-•6189142888+048	1,7825521688+049	.2190217236+060	,3361931862+061	-,2623622085+072	-,4819266871+073	.3737445836+083	.9151031474+084	
	30000000000+001 SECOND KIND	REAL BESSEL	7710080138+000	3685381876+000	-,8277189885+000	1843762353+000	.4951354416+000	.5494331972+000	,2064597301+000	9917320875-301	-,2024517625+000		3	•	•	•	•	•	•	•		ŧ	ਜ਼-		B	i	•	•30294050/3+028	1	\$	•	•	٠	<b>-,5098613893+060</b>	-,9548756314+071	-,2688374191+07	•	,5725756515+084	
	ti	z c	> •~	(N)	M	#	ທ	ø	*	Φ	σ	10	4	12	#1 10	なな	15	16	17	18	49	20	30	31	40	77	200	2	9	0	70	77	80	81	90	91	8	100	
•	002 IMAGINARY X	IMAGINARY BESSEL	2692161519100 7692161519100	- 3640759434-000	-,8235021918+000	- 1868898494+000	4873359401+000	.5439351239+000	,2105561761+000	-,8310600048-001	-,1783212358+000	-,1419639583+000	-,7598555776-001	-,2973883449-001	-,8047038495-002	R477394504-003	.5775537868-003	4705865488-003	2179988121-003	,7779413658-004	,2298352642-004	.5733695509-005	9092460728-012	-,1270754817-012	.4784661287-020	.5273579717-021	-,1991688944-029	-,1861594543-030	1084866645-039	.895108581/-041	-,1077084257-050	-,8093032987-052	.2460890685-062	.1723886628-063	-,1532399840-074	-,1026588610-075	.3553368352~086	,2934799508-087	
	X = .10000000000+002 F7857 KIND	Tr. r	1.1000xxc.101+coc	.8191649157+000	-1147628515+600	7341494439+000	-,4451217726+000	.1374019118+000	4143766230+000	3459142857+000	1540071807+000	.3322034513-001	-,1795211781-001	2299937826-001	-,1433624896-001	-,6532521753-002	-,2367218712-002	6927103820-003	-,1573913288-003	-,2267347422-004	.1204772596-005	.2313737720-005	-,3871545188-012	1091478559-01.2	.1461672144-020	.3582967064-021	-,2845834256-030	-,8742866111-031	-,3984603687~041	.2371523091-041	,2511634862-051	-,5291779063-053	-,1128844778-062	2365485696-064	.1133342347-074	.3672592799-076	7741791649-086	-,3324372860-087	
	REAL	20	<b>&gt;</b> -	۱ ۸	ıю	#	ດ	φ	۲	α	σ	10	F	12	<b>K</b> )	すた	15	16	17	18	19	20	30	33	C) th	41	20	53	9	ρŢ	70	71	80	81	96	5	66	100	

	IMAGINARY RES	,7616160685+0	-,1162684961	6693075061	5987934017	.4477461888	.1964022520	1710375648	-,1743084125	<b></b> \$389992145	.6603284782	,3572782862	2406754469	-,1118474312	-,5061461916	4238128291	,981555555	,4755775227	.6998743897	-,3072976647	-,5622215900	-,1895578763	.370247	,2593740814	.2430903411	,9995867057	5540808190	··. 3395048314	-,2500977756	.2646912896	.1947389376	.1267332247	5448102179	236620634	135223643	71913812	444346737	.1167159209+071
10000000000+002 SECOND KIND	REAL BESSEL	1624729502+003	.7516589119+003	•	ŧ	1			1	•	1				1	ş	ı				•	•			1	•	1			,2873026111+030	-,1287681577+038	1476928520+040	-,3452869235+049	315994624+05	26429429405	87487604+	96725455+07	0151242964
!! ×	Z:	0	H	N	כיו	ಚ																	30							Φ	~		ထ	Ø		Q	66	
IMAGINARY	IMAGINARY BESSEL	1624729470+003	,73165	- 3528	-,5731529948+00	1443619454+00	۰	•	•	,	1	•	•	•	ì	-,2771632347+001	1	•	•	•	•	1	2690094482-009	•	•	•	1	8	i	i	•	•	•	-,1944100599-053	1522959424-062	1336364749-063	1146507397-072	171
	EAL B	6161	162684	69307	59879	44774	96402	17103	174308	63866	660328	35727	240681	1184	0611	4168938	98185	47283(	76969	41273	58491	59185	19107	9171	9164	5976	0150	8021	87940	14704	16532	4290	102701	072270290**0	262814581•06	39365	5046755-0	412417518-07
REAL	z	0	-1	N	r)	<b>‡</b>	ນດ	Φ	~	80	σ	10	11		13	4	15		17	18	6	20	30	31	40	41	20	51	9	61	20	71	80	81	06	91	66	100

EAL	x = .10000000000+002	002 IMAGINARY X	; []	.10000000000003 SECOND KIND	
	FIRST NINU	PRACTNADY BESSE	Z	REAL BESSEL	IMAGINARY BESS
	KEAL BESSEL 11880000944062	3	0	-,6122971374+041	31188990994+042
	4 4 4 3 3 4 4 5 7 4 4 5 6 4 4 6 6 4 4 6 6 4 4 6 6 4 4 6 6 4 4 6 6 4 4 6 6 4 4 6 6 4 4 6 6 4 4 6 6 4 4 6 6 4 4 6 6 4 4 6 6 4 4 6	1176512571+042	-1	.1176612571+042	.6074120084+941
	1152237912+042	.5977500854+041	N	.5977500854+041	-,1152237912+042
	5835245660+041	-,1116611932+042	ю	-,1116611932+042	5835245680+041
	-1070804736+042	- 5650466832+041	ŧ	5650466832+041	1070804736+042
	5427156979+041	1015158618+042	ß	,1016158618+042	.5427156979+041
	9542232306+041	5170061070+041	ø	.5170061070+041	9542232306+041
	4884524386+041	-,8866832724+041	^	8866832724+041	-, 4884524386+041
	-,8152833520+041	-,4576322291+041	œ	-,4576322291+041	.8152833520+041
	- 4251478228+041	.7417546409+041	σ	.7417546409+041	4251478228+041
	.6677475199+04.1	,3916077260+041	10	.3916077260+041	6677475199+041
	3576082935+041	5947737088+041	11	5947737088+041	-, 3576082935+641
	5241604468+041	-,3237165258+041	12	-,3237165258+041	.5241604468+041
	- 2904547091+041	4570182387+041	13	.4570182387+641	.2904547091+041
	3942226235+041	2582875366+041	74	.2582875366+041	- 3942226235+04]
	2276122046+041	3364094274+041	15	<b>3364094274+041</b>	-,2276122046+041
	1-04-04-04-04-04-1	-1987518028+041	16	1987518028+041	.2839821276+041
	-1719521207+041	2371293170+041	17	.2371293170+041	.1719521207+041
	4.958498650+041	1473817868+041	18	.1473817868+041	- 1958498650+041
	1251354711+041	-,1599832019+041	13	-,1599832019+041	1251354711+041
	-,1292422095+041	-,1052397186+041	20	-,1052397186+041	1292422095+0404
	8093821370+039	.1085669518+040	30	.1085669518+040	8004078219704008
	.8185428652+039	-,5733407588+039	31	5733407588+039	** 8185428652+059
	-,1281192103+038	-,4048052317+038	40	-,4048052317+038	1281192101+038
	-,2750845560+038	.7571837340+037	41	.7571837369+037	2750845559+038
	- 5649362783+035	.5257662822+036	ည်	.5257672206+036	00040488046401 000040404040
	,3208059111+036	,4928619305+035	51	.4928423054+035	00040808888888888888888888888888888888
	1508378875+034	2245178441+034	9	2509482656+634	16359617776+054
	1217385503+034	-,9132191410+033	61	7117727716+033	.738/0551/1+033
	-,5351017608÷031	,2468440436+031	70	.1282240347+036	-,1168495160+035
	1115641891+031	.2839340243+031	Ţ	.3653637367+035	*2448416686+036
	.5597791317+028	,9565638280+027	80	-,9855555983+038	.8072763326+038
	6245680566+027	-,2642457213+028	81	-,1804618786+039	1942779249+039
	-1719325619+025	-,1834622451+025	96	,6555957273+041	255UZ7Z1/4+U4Z
	8625611776+024	,7057983358+024	46	9+64	*1070725643+642
	-,1266514018+022	,1711870879+021	66	,4801758952+045	-18749890454045
	.3382960410+020	.5297732654+021	100	.5286083618+045	1115015223+046

	IMAGINARY RESSEL	0000000000	. 0000000000	0	•0000000000•	• 0000000000	000000	• 0000000000	$\sim$	$\sim$	.0000000000	.0000000000	,0000000000	.0000000000	• 0000000000	. 0000000000	• 00000000000	.0000000000	. 0000000000	• 0000000000	.0000000000	-	.0000000000	.0000000000	000000000000	.0000000000	, ეიმშებრები	0000000000	*000000000	.0000000000	.000000000	• 0000000000	$\overline{}$	. 00000000000	• 00000000000	000000000	• 0000000000
•000000000 SECOND KIND	REAL BE	4666746769-001	.1340398294-001	.5001846343-001	.4102479262-002	4817234776-001	3059727053-001	.2828412191-001	.5181036196-001	.1575468576-001	-,3684341050-001	5444026678-001	2576289630-001	.2223664641-001	.5578236894-001	.5864778856-001	.3512170333-001	6959780704-003	~.3634141495-001	6653463959-001	9340113225-001	5161670075+002	1370732347+093	5000783832+007	1889023509+008	-,9542541667+013	4617407569+014	1664999491+021	9784867641+021	1726303096+029	-,1191659525+030	8010434261+037	6345970184+038	1358214079+047	-,1213811516+048	332789791+05	-,7220889358+056
н	<b>Z</b> c	<b>~</b>	N	M	ŧ	Ŋ	ø	7	ထ	σ	10	11	12	13	74	15	16	17	18	19	20	30	31	0+	<b>#</b> 7	20	21	60	61	70	71	80	81		4	66	100
002 IMAGINARY X	IMAGINARY BESSEL	000000000	000000000	0000000000	0	, 0000000000	0000000000	•000000000•	• 00000000000	0000000000	•0000000000	• 00000000000	,0000000000	0000000000	,0000000000	0000000000	00000000000	,0000000000	•0000000000•	.0000000000	• 00000000000	•0000000000•	0000000000	0000000000	•000000000•	•0000000000	•000000000•	0000000000	• 00000000000	.0000000000	•000000000•	0000000000	000000000	0000000000	0000000000	0000000000	0000000000
X = .20	REAL	812173996-00	.483655	603035	5047614923	66839	41299	43528	865331	50884	96806	92133	50283	53639	2130	21549	55532	7007	6710r	54067	8320	1063	5024	419	6401	6501	1400	653	303.	14218	056	00244	36	085439	306745878-0	497874872-05	515271113-0
REAL	20	-1	N	ю	#	ດ	9	7	æ	σ	10	<del>+ </del>	12	13	74	15	16	17	18	19	20	30	33	40	다 #	20	21	60	19	20	7.1	80	81	90	91	66	100

	MAGINARY RES	6747569~0	735812-	807322-00	0290010-0	285118-00	5418709-00	74633083	.41910925	16646964*-	-,439330245	-,360185660	.41792505	.376943878	.4132855246-004	.196001317	886413885	1	•	•	i	i	ì	-,167700424	i	-,34668688	223176996	-,110509941	478986216	286580468	-,58745225	411733539	-,314178809	-,252173652	-,602613132	5447692629+04	591143595+	3206182+05
10000000000-002 SECOND KIND	EAL BESSEL	204041109	<b></b> 4666749169-03	.1340398710-0	.5001848785-0	.4102483660	4817236911-0	3059728609	٠	٠	•	ŧ	•	i	.2223665040	iù.	ů	<b>6</b>	6	10	9.	6.1	ري •	1	1		6	1	1	6.		1	. 8	1			2700919+0	0800019+0
: :: :×	Z	0	44	N	M	ţ	ເດ	9	1	Ø	6	10	11	12	13	77	72	16	17	18	19	20	30	31	40	41	20	21	60	61	70	71	80	81	96	91	66	100
00+002 IMAGINARY	MAGINARY	12174218-0	2944458-0	91	57160333-0	88680005	4547098345-	3113891310-004	.2388843945-004	4742290785-004	.1678879822-004	2905654781-004	-,4521462084-004	2347002480-004	,1273447195-004	3704091850-	937036361~	.2565321072-004	538848229-	6328309778-005	-,1303891290-004	1382602596-004	2409289368-007	-,4059626959-008	2475586204-012	553755949~	298427336-	683691535-	449827363-	97416-	2028043-0	1963732-03	1113280-04	8082485-04	75064-05	1024333203-052	6288915-06	1722656284-061
X = .20000000 FIRST KIND	EAL PESSFL	564728621	312174661-00	4836554789-00	030359527-00	047617286-00	1668391805-00	130001670-00	4352892783-00	8653320014-00	5088424781-00	3686	9213196177-00	.50281	36391	.2213008128-00	15492	553229405-00	30790	71060	10671216400	33248	106356	50246254000	119797	5401052	550066257-0	1409149860	529711925-0	3932A2686 <b>••</b> 0	142176191-	3561558900	3024190	98620933404	38541970	30672340405	7874185-0	51522935
REAL	Z	C	•∸1	N	ю	#	വ	9	7	ထ	σ	10	딕	12	13	7.7	15	16	1-1	18	19	20	30	31	070	41	ည်	27	60	61	70	77	80	81	06	91	66	100

REAL	× :: .2	002 IMAGINARY · :	i   11	10000000000	
	FIRST KIND				
z	REAL RESSEL	IMAGINARY BESSEL	Z		IMAGINARY BESSEL
0	.4564963553-001	-,1812196138-003	Φ	2040488996-001	4666826783-003
-1	1812240425-001	-,4746024161-003	-4	4666986810-001	.1573753636-003
N	4836795989-001	1086700893-003	N	.1340439969-001	.4867887377-003
מו	.6030403694-002	4957239381-003	ĸ	.5002090634-001	3400266011-004
<b>±</b>	.5047851390-001	6588856610-004	<b>±</b>	. 4102919099-002	4899360093-003
Ŋ	1668490705-001	-4547164280-003	ល	41.17448297-001	1855453324-003
Φ	~.4130169227-001	- 3113941907-003	Φ	3459882709-001	.3746381225-003
~	-,43530A9912-001	2388872080-003	~	.2828512858-001	.4191154348-003
Φ	8683436509-002	4742354688-003	æ	.5181251105-001	<b>-</b> *4969470439~004
σ	5088611676-001	1678905493-003	σ	,1575551592-001	-,4393356113-003
0	3968828258-001	-2905685875-003	0 7	3684456598-001	-,3601901538-003
-	9213277921-002	4521511467-003	11	5444211143-001	,4179265205-004
2	5028328955-001	ĸ	3	-,2576387054-001	.3769474854-003
10	5364067162-001		53	.2223704571-001	.4132891/19-003
74	-2213168499-001		77	.5578359578-001	.1960027592-003
2	2154946786-001	3937060559-003	15	.5864900584-001	8864214521-004
9	5553304670-001		16	.3512240925-001	2879450818-003
7	.700.79A2465-001		17	-,6968075166-003	-,3574911406-003
48	.6710654981-001		85	3634150929-001	-,3382739642-003
6	.5406731999~001		19	6653465496-001	3019314245-003
0	3832482496-001		50	9340074107-001	3153634387-003
30	2106230195-004	2459248784-006	30	5161298296+002	-,5964653749+000
17	7501957759-005	9059452503-007	31	-,1370622530+003	-,1676953917+001
40	1419591519~009		0 #	-,4999964293+007	8888145961+005
4	.3639542180-013		41	-,1888694025+008	<b></b> 3466655198+006
50	.5648627310-016		20	9539865658*013	-,2231552985+012
51	.1140510326-016		٠ų کار	-,4616052587+014	<b>1104987149+013</b>
9	.2628687968-023		60	1664297108+021	4789169371+019
61	4391506860*024		61	9780588084+021	2866375135+020
70	2141000407-031		20	1725287679+029	5873345788+027
7	3054425538-032		71	1190937128+030	4116485856+028
80	3999484732-040	550744638-641	80	8004190096+037	-,3140957922+036
81	.4982455100-041	957604361-642	81	6340893367+038	-,2521052932+037
90	2083454927-049		90	-,1356861622+047	6024104092+045
91	.2304498771-050		91	-,1212574934+048	5445818201+046
66	.3493806716-058	ው	66	7323904417+055	-,3589676931+054
001	.3511095771-059		00	-,7211957289+056	-,3571716783+055

REAL	x = .200	DO2 IMAGINARY X	11	.100000001	
	IRST K			COND	
z	EAL RE	MAGINARY BE	z	EAL BE	AGINARY RES
0	4761	438888-002	0	8283489-00	674752110-0
₩	.1818320061-00	4753998383-0	+1	690770	75536545-00
N	4860935753-0	087666149-0	N	344567289-00	875896782-00
n	6034805476-00	955147945-0	ю	26	861527-00
4	5071279785-00	606528336-0	4	146513736-00	906861902-00
ß	167838	45537	ល	860233	858916675-00
9	4146936296-00	004022-0	ø	075304937-00	751424153-00
7	4372817217-00	391686667-0	_	484912-00	197336503-00
Φ	8665085108-00	748747633-0	Ø	202541439-00	0599503-00
Φ	5107312871-00	473603-0	σ	583776005-00	724415-00
10	3984518741-00	2908796347-0		695902506-00	6396297-00
<b>#</b>	9221457041-00	4526451409-0	11	462483311-00	0729376~00
12	5042357145-00	0-469	12	586036645-00	773083218-00
13	5379174748-00	019-0	1. 13	227660198-00	136539929-00
74	2220207482-03	689-0	14	590510636-00	1469386-00
15	157266907-00	087-0	15	876955544-00	871785324-00
110	5560834567-00	1-0	15	19230276-00	1109066-00
17	015763612-00	925-0	17	799389693-00	576203344-00
₩ 47	6715785489-00	610-0	18	635087522-00	383039648-00
19	408715161-00	422-0	13	53620666-00	018500733-00
20	3832217534-00	410-0	20	336205456-00	151601431-00
30	2093616511-00	681-0	30	124549353+00	948373975+60
31	7451520511-00	582-0	31	59768999+00	671927225+00
40	1399073025-00	451257-0	040	00+5605806	836623981+00
41	3583361541-01	6522150599-0	41	856183168+00	5337360+00
50	55052A5375~01	893629-0	20	6302021+01	209925442+01
51	1110267440-01	660828599-0	21	482628557+01	093798083+01
69	526909224-02	356364341-0	60	95286732+02	720215681+02
61	215036884-02	1251273225-0	61	0226328+02	823629684+02
70	024435157-03	706407101	70	625805686+02	6429104+02
77	882930156-03	1022832729-0	71	84674+03	2093922+02
80	709461758-04	514130392-0	80	7394440586+037	-,3058638290+037
81	611513774-04	1910125316-0	81	-,5845310444+038	282102+03
06	88992823-04	872838927-0	06	1225280061+047	+,5823533245+046
91	085457569-05	9921497058-0	16	092314162+04	560409460+34
66	098481367-05	2632750-05	66	462620975+05	-,3444890510+055
100	9423-05	56635034-05	100	6346520433+05	424724260+05

	IMAGINARY RES	D**0.20104757**	.8095269286-U	0.0000000000000000000000000000000000000	- 1556384349-0	2545593888-	-,9719883134-002	1937468939-001	.2174420288-001	2498851399-002	-,2265057915-001	1858168716-001	.2108580664-002	.1930652065-001	,2112793986-001	,9982602149-002	-,4529010607-002	1460319857-001	1803865019-001	1695200408-001	1499437474-001	1551308534-001	-,2781896201+002	-,7767155377+002	-,3824309382+037	-,14775766124008	-,8631591598+013	,4222347410+014	-,1617343867+021	-,9532341319+021	-,1672511498+029	-,1149846972+0	-,7218282193+0	-,565416064	<b>50+04</b>	17576952+04	39745098+0	-,4330423724+056
50000000000+000 SECOND KIND	REAL BESSEL	- S239955238-001	5279539683-001	TOD-SOTOSHOHAT"	.5524843247-001	.5234412918-002	-,5360823996-001	-,3456696366-001	.3383910559-001	.5727439690-001	.1786679118-001	3977393181-001	591158 <sub>5</sub> 963-001	2822743909-001	.2325065775-001	.5888355888-001	.6171558755-001	,3589120162-001	-,2809133444-003	3659379491-001	-,6659178162-001	-,9244855201-001	-,4267651871+002	-,1107567409+003	3106978360+007	-,1131140664+008	-,3666504923+013	-,1659083258+014	2159107755+020	-,1016135554+021	,2191927891+028	.1813134920+029	.2965825172+037	.2495637714+038	4816954	<b>+</b> 9	2382652+	.5489676662+056
: :: ×	EL N	<b>-</b>	<b>←</b>   (	N i	K)	#	വ	9															30					21	9	61	7.0	7	80	81	90	31	66	
IMAGINARY	AGINARY BESS	239818985-00	474866899-00		5795778	20889298-00	357711761-00	16215	1230280494-001	2452653211-001	8721729387-002	-,1492454111-001	-,2323611759-001	-,1205103611-001	.6499387024-002	.1888049241-001	1999366957-001	1294805514-001	.3725789409-002	-,3281416158-002	-,6630819240-002	6982206480-002	-,1153803325-004	-,4311663156-005	1102332896-009	-,2893258399-010	5242670342-016	1071427977-016	2650427217-0	4445867655	21789	099735827-0	78959-0	729333093-0	42428-04	89202	4714-05	315264719-0
× " "	EAL RESSEL	706533	804153	582551	323373	50195	238076	4560364	4859858	89469	556778	~	942266	538686	.,	2391997	2214845	5745436742-	7205826671-	840593334-	5456533	825306	.17930A4990-004	625346	26955	29591	353536	46625	41315737	57326042	2351573	4163695	14717480	19565799	1253132789-04	1435451011-	2720346666	2794652435-
REAL.	Z	0	₩.	C)	Ю	#	ល	છ	^	σ	۵۰	10	11	12	13	14	S	16	17	18	19	50	30	31	40	47	20	51	9	61	70	71	90	81	06	91	66	100

The second of th

	IMAGINARY RESSEL	758719654-00	716848459-0	9846844-00	1954021-00	23731197	276845314-00	4842935184-00	5079058469	-,4956501043-001	•	.4343110042-002	.4146392638-601	.4511477541-001	.2107263034-001	9674110479-002	3052441112-001	3708817795-001	-,3414464479	1	Ċ.	+	+	i	, . 	9.	Ň		17387029+02	021914632+02	15949093+02	060423640+03	727150+03	1976137	0510	299447	179078419
=1000000000+001 SECOND KIND	REAL BE	7275332231-0	1771375377-00	.7645789327-0	,9034061653-00	-,7112520759	4744537147-00	.3897611414-00	.7479298734-00	.246547080	4908095679-00	739286176	-°329740448	.264881673	•686062429	.712188518	, 422555661	°840946945	ŧ	-,669855497	1	ŧ	ı					.1481276433+0	61 .8809027934+021	0 .1521555771+02	1 .10332	0 .5144360851+03	858592674+03	+6202+	1 .24400240	1161080257+	014589321094
IMAGINARY X	IMAGINARY BESSEL	.5592083193~001	1185093198-001	794354076-001	1-002	2749280-001	9497007-001	683896624-001	414481030-001	948568369-001	3231683513~001	37431273-001	5-001	83097053-001	.001	.001	01	-002	-002	94137978-001	1-001	012138388-004	2-005	481427271-009	758528626-010	25289562-016	96211272-017	05889-024	8-024	956624943-032	773179663-033	960609718-040	7-041	216245062-049	493753832-050	33163047-058	925442470-059 1
.200 ST K	EAL RE	2511624	-,747973908	.6315766	.7599091	.2760434240-0	<b>■.</b> 5940822558 <b>−</b> 0	6494026270-0	.9820536543-0	.70971486	.565109	1 10090529	265196847	3 -,69578363	42943096	5 .2411796	9 634830	7 .7817660	8 ,7235904	.560	0 .379754	0 ,918086	1 ,280915	0 -,2561412	18720035	54607JH - 0	i -,8591249	02710114	14603474396-02	0 -,2293566910-0	13234808696-03	03304894381-04	1392	07510599646-05	17051147404-0	9 .5262069460-05	0 ,7304043823-06

REAL	X = .2000000000000+002	002 IMAGINARY X	11	.300	
	IRST		į	ECOND K	
z	EAL	MAGINA	z	EAL BES	MAGINARY BES
0	431	324905542+00	0	29+00	73611823+0
<del></del> 1	0460	-,4803233004+000	-1	70035+00	661431+00
N	4849144310+00	200	N	.6065822931-001	6122227
M	1134616289-00	477115192	M	31517+00	5658478
#	4565332505	1031133	ŧ	.1028917779+000	99170
ໝ	20545844,9+00	4015983214+00	ເດ	4043642940+00	2050069688+000
9	3136149074+00	30255472	φ	-,3038573395+000	12499
~	3759724832+	1793606461+00	~	.1815515873+000	098752
Ø	1810641302-	392748932	ω	•3959075396+900	131350
σ	42050	1493876	٥	.1496684627+000	383574842
10	27887	2062838	10	-,2096949175+000	766459032
11	23903	-,3132637042+000	11	-,3223991582+000	98103153
12	25206	-,1556981718+000	12	-,1565037718+000	.2469792860+000
13	255691	.8170164875-001	13	.8565340427-001	.2512325629+000
7 (	101704	2129300697+000	74	,2199362919+000	.1016845519+000
15	661716	1986189189+000	15	*2046069705+000	6025890641-001
16	15685	1032012161+000	16	.1039259477+000	1464941209+000
17	161957	.5882510357-002	17	1443050040-002	-·1509898651+000
18	118827	-,5155494031-001	18	~,6763305161-001	-,1122941035+000
7	670280	~,6691126485-001	19	9044891255-001	705380808.º. 001
20	281416	5687659863-001	20	-,8468283185-001	4810253561.301
30	31453	.8401995661-005	30	.3089323716+002	.9534914010+001
31	10496	.5077304092-005	<b>60</b>	.7518624344+002	.4108605926+602
40	10827	2103096991-009	40	1608086644+007	.2474091188+007
41	367719	,4891214682-010	41	7521614870+007	34296
50	7912.	<b></b> 5464632945-016	20	-· 4002692025+013	13597
51	5907	-,1388017780-016	51	1643028714+014	832338724
60	9167	-,4465813835-023	60	.5276952760+020	9220
61	60439	-,6674083321-024	61	.3593964253+021	990125
70	40636	2603118827-031	70	.5762404342+028	20
7.5	5209516594**	,4613034510-032	71	.3369581036+029	1304845
80	517540	8594514365-040	80	1988161187+037	3292056
81	095805604**	.9698547486-041	81	1834437432+038	61381876
90	10428277904	2801639793-04	90	-,3847105431+046	3395533+
91	165062675-05	3963658958-0	91	86327+04	36900565+
66	97906657**	1028271543-05		11508864+0	1259384
100	4792534952-05	983	100	1287589452+05	1897729755+056

	IMAGINARY BES	-,4920652019+0	-,4057372150+0	.4583140833+0	.1245717800+0	-,3646045462+0	-,2239934628+0	.2020473216+0	,2626051770+0	-,1284277726+0	-,1897078786+0	1077159845+	.4850644202+0	.9789853605+0	.4417320100+0	1834869996+0	3630119993+0	2047277186+0	8730249330+0	.7507739238+0	.6437854453+0	.2633944064+0	.4401798233+0	.1137836056+0	.1419485215+0	.7605181577+0	7575779551+0	.6196689218+0	1155328124+0	5801007474+0	1762348019+0	1333005891+0	.6768456564+0	28192675+0	52717	45235405+04	76955422+0	89459+05
1000000000+002 SECOND KIND			ı	ı			ł	ì				-,1207619276+003	1	ı				1	\$	ŧ				ı					ţ		1	i	1	2887406476+03	.3861737132+042	430174499+04	691585364+05	.1846891577+051
;; ;;	2		+1	ત	M	4	ທ	Ø	7	භ	3	4	17	12	13	14	15	16	17	18	19	20	30	31	0 7	41	20	57	9	61	70	71	80	81	90	6		100
Imaginary	IMAGINARY BESSE	.2131746264+002	-,48137119	-,76647583	42021027	,17686641	-,29090954	-,25558805	.10547145	,24008937	,62155861	-,120761	.,11835516	-,10437795	.5896809	.50269813	,99871460	-,15378997	16775403	74954a07	28058	6709350	5514158	8459898	80084920	3113147	36	389	7,	97172490-0	833455106-0	260382731-0	989802672-0	636934194-0	65953-04	018502506~04	46565865~05	3
,20 557	EALF	9206	05737	5831	124571	364604	3993	202047	262605	28427	89707	0771	85064	78985	41731	83487	63012	04727	729626	50783	3788891	6337749	474033	2008464	390588356-	57883582-0	782235304-0	475782700-0	7023208	153978408-	101297917-	206058841-	1135644444-0	152722398-0	2064	566137393-04	23366103-0	702215
REAL	z	G	**1	Q	ĸ	.t	ഗ	Ø	7	α	σ	10	4	22	13	14	15	16	17	18	13	20	30	31	0#	41	20	21	9	61	20	71	80	81	96	91	66	100

IMAGINARY BESSEL 7633620871+041 1065516904+042 .7354661448+041 .1022204407+042 6740168449+041 .5869962090+041 .8502545455+041	4849947581+041 7362103371+041 . 3791897380+041 . 6150314000+041 2794400987+041 4951835891+041 . 1929251673+041 . 3837919966+041 1235514110+041	.7211416438+040 .2046083033+041 3701038463+040 .1071083664+040 .4143640619+038 1939715016+038 7170244382+036 1083677803+036 .1795679164+034 .2475925333+034 .6913041567+035 1741124007+038 1204607170+039 909545855+041 .1112740605+042
1000000000000000000000000000000000000	100120000001 100120000001 100120000001 100120000001 1001200000001 1001200000001 10012000000001 100120000000000	a dia dia dia dia dia dia dia dia dia di
II ZOHWHWYN		18 19 19 19 19 19 19 19 19 19 19 19 19 19
IMAGINARY IMAGINARY BESSE 1074379472+042 7539559527+041 1047993153+042 7085201452+041 9887287044+041 6330791532+041	-, 7946811675+041 -, 6759622070+041 -, 6759622070+041 -, 5544549133+041 -, 2342059808+041 -, 2342059808+041 -, 2342059808+041 -, 2342059808+041 -, 23420598368+041 -, 23420598368+041 -, 2329575628+041	2431510450+041526841867+0401703745627+0411464906856+0403596281777+0393172062415+0384374863090+0364374863090+0363751144021+0348646582859+03153534690252+02853534690252+02853534690252+02853534690252+02853534690252+02853534690252+028
× 11 11		72114 20460 330950 10710 10710 10836 10837 11422 1142 11422 11422 11422 11422 11422 11422 11422 11422 11422 11422 1142 1142 11422 11422 11422 11422 11422 11422 11422 11422 11422 11422 1142 11422 11422 11422 11422 1142 1142 1142 1142 1142 1142 1142 1142
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	2805024	0000000000	30	6543068078-001	• 0000000000
	1919317	.0000000000	3	8438191151-001	•0000000000•
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	690163	.0000000000	20	1525515723+006	• 0000000000
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	1152590	0000000000	9	-,2752553256+011	000
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	1015241324-0	.0000000000	83	658363	300
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.10000000000. SECOND KIND		142081	.3276460707-001			1573o21183-001	.266%680787-001		-	-,3329869215-001	-, 3280598237-002	.3122091218-001				1963395134-001	.1611433257-001	.3628532925-001				3607902586-001		8438139830-001					~	+012	0+0	868415+018		1135957241+025	5746373175+031	63	6557426310+038	-,4247395077+039
1 11	Z	0	~1	ત્ય	Ю	#	ល	ø	۴~	80	ው	10	11	12	13	14	15	16	17	18	19	20	30	31	07	41	50	21	60	61	70	71	80	81	06	16	66	100
002 IMAGINARY X	Ž.	39667805-004	3251894920	9470762541-00	3076097782	1655790	2549761287-00	235	17	-,3218563135-003	3	S	,2408710846-303	9658981231-0	-,3122379153-003		,1253951405-003						8857101013		4957732703-006	-,2213463858-006	3621343470-010	-,1195709071-010	-,2005294707-015	ç	7-0	1-0	513507532-0	8-1	-1033231126-035	-03	8426324610-043	13006
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IMAGINARY	IMAGINARY BE	253525879-003	3257147006-0	0-191869681	3080949612-0	1658756219-0	2553591288-0	2569870R20-0	1407960380-0	-,3223480799-0	-,4320044177-0	.2877649181-0	.2412263053-0	-,9669693040-0	3126433667-0	- 1836276628-0	, 1255290664-0	3022047048-0	2055777732-0	- 5133317075-0	- 2538094198-0	-,2713070143-0	-,8859807743-0	-,7578721835-0	4952539756-0	2210824239-0	3611736223-0	1192321739-0	1996041481-0	5304186400-0	1564813744-0	3497732404-0	2489327593-0	4813179885-0	1020147606-0	1740167037-035	293971491-04	1280051301-04
×	EAL BE	309711	6281539231-00	32467A7952-	1169226516-00	2973731836-00	061170281-	217665695-	3021776872-00	70655	3421547204-00	14603(	239867	52986	350449	29825	32327	35855	2.1372	36577	15865	147411	28048	9185	4339	3053;	666739828 <del>-</del>	541829684-	523330-	951808544-0	293130047-0	601544003-	847519630-02	875744922-02	506112541-03	0	547682268-0	h0-hh9
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	VARY	58346	62518873	661300498-00	03475354-00	93577927-0	325596-00	1072433986-001	1543137077-001	.2867547307-002	.1670417477-001	.7667315534-002	1093521080-001	i	i	•	•	*	i	i	i	•	i	i	i	i	i	i	i	8034556814+0	3039697073+01	-,1372959621+01	2061666744+0	-,1072035232+02	16275+0	69177937+03	464866045+03	4185003929+039
50000000000+000	REAL BESS	608227439	,368705526	.976187001	-,351978917	-,179467576	,297407014	,287814908	-,171947534	-,37247921(	-,393361519	.345810503	.280442016	•	ı	ı				ı	Ş	1	ı	ł	1004322131+002	i	1	1	ı	8	1	ı	-,6807785531+023	3327413254+024	0+460	3791703100+031	44449575+0	.1473273164+038
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IMAGINARY	MAGINARY BESSE	7368785-002	693010590-00	.4977718961-002	99984701-00	65805998	3746	336839299-00	68912224-00	72035696-0	16451-0	1487965538-	59257-0	496588884-0	ç	9	.6440236852~002	7	9	9	9	9	9	3803629261-0	2413606550-0	9	0	5558390922-0	893232602-0	145496-0	562075115-0	457004571-0	710468679-0	271913	653769788-0	174	611106-0	-,4147927283-042
); U	EAL RE	708271431-00	316100	632308945-00	335453417-00	3314569246-00	CA	2454137942-00	337873240800	7591851312-00	379303078400	1639999865-	2627994905-0	3638	4099524663**	3245232207**	530863146	4134016097	3047784995	3947632611	1824990828**	1547690121-	28004A1446.	1900906527**	494081	072305291**	212167	6688512859**	750492965	1907896920-	3706136911-0	7880255052-0	33576957	6069806676"0	57167	549050210-03	341588	83611
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	MAGINARY BES	3-00	962431	33158023-00	513246732-0	343445664-00	490008537-00	-,2382912759-001	-, 546454488	,615365988	.371847378	.172420998	240707333	-,347204502	527797358	.284809095	.318594908	*513948309	243980811	1	-,158115851	.984971377	-,180625412	230366569	-,851624792	-,197853250	-,143996937	-, 439389337	-,259890223	-,969388572	-,282786444	-, 123365194	124795643	-,6133079348+02	410878601+0	251347366+03	133704112+0	.2780525511+038
10000000000+001 SECOND KIND	EAL BE	-,921399411	.5021340762-0	.1419980761-00	4764223221-0	-,2518642414-0	.3976071770-00	.3944517653-0	i	i	i	٠	9	1611389140	1	ı		.4953460394-001		ı	ì	1	,	7949230425-001	•	1	3	•							*#869249974	.2879665592+03	.6185809253+03	.3997360583+03
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IMAGINARY	TMAGINARY BESSEL	27976811-002	8396645-0	4958903	3589625818-00	1971445726-0	,2954265532-00	3014146144-00	-160273895	-373830750	- 530849994	,329618761	.278326131	-,107811639						-,5576486693-002														-,1198053960-027	1178391581-0	1768163816-03	127426751	1706484020
: L	1771 741 P	0562816	1088897260-00	4934832182-0	1904077029-00	4463152319-0	.32218	32470	45838	93098	0402	2246	33926	4773	6107	4118	519	5951	3742	4867	2276	790	2783	1843	3463	13796	2162	6371	900	63874	40141	93573	83703	1640550807-0	3663130424-	43140310-03	2836579527-0	330357517-04
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	IMAGINARY RESSEL	15406630	.9416294809-001	3090556317+000	1432710312+000	0	.2178791505+000	1815394337+300	2847590092+000	.3481937303-001	.2874638046+000	.1420456294+000	-,1718260952+000	2560661611+000	į				1	ŧ	1		•	1	ı	ŧ	.8878840238+605				•	ı		1	-,2534807366+031	1339530789+032	.2882293571+037	.4460992794+038
30000000000+001	REAL BESSEL	391911	,3193586824	•	C.	17	.2340274259	.25657916844	i	-,29998472924	541066923			7050257822-001	1	1				•	i	ě	ı	1			ů.		ŧ	-,4514052886+011	1	ŧ	1	1	.2126729313	.1389806837+03	.38816522514	.2469416662+039
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Imaginary	IMAGINARY BESSEL	2800580-001	.3177074302+006	.1143504368+000	37105535+	1788847087+000	,2325351612+000	553604238+	-1151294188+000	31324695+	5415527614-001	.2460743164+000	2148136687+000	984455507	2511487067+000	-1499246050+000	8895312499-001	2186420798+000	1451869270+000	3312125743-001	-1614598958+000	1629141257+000	-,3403039435-001	-,2546352527-001	-,2995345758-004	-,8639728900-005	.2823722005-008	,9918827593-009	,1434588705-013	.3496087379-014	-,3797782251-021	34	0	19145485-0	805266887-0	31725092-03	83832836-	3-04
H L	EAL B	231894	943067	10705	43693	2707244541+000	218793	182852	286288	3542604	2894351534+00	142672	73498	580648	51887	195418	217873	365894	4.4	197950	915548	593253	.2302693375-001	86368	63576	296756	3259	31990	6165	40159	35,760	3921	6108	1066	3637	20265	7865665	685888878-04
REAL	z	0		Q	Ю	4	Ŋ	છ	7	æ	¢	10	<b>#</b>				15										50											

	IMAGINARY RESSE	.3094545995+003	.1674642919+003	-,2853358121+093	2011698881+005	*2248890447*003	*2418724098+003	-,1253016185+003	2575745033+903	1974857986+0~0	.2157804221+003	.1115815533+003	1099049028+003	1542005718+003	-,1687059067+002	,1029406801+803	.8794762403+002	4427119726+001	6374195593+002	<b>~.5085264153+002</b>	-,3572969588+001	.2831352580+002	,8753351889+000	.2668284898+000	2538000010+000	1742582039+000	2572608302+004	-,1210316226+005	,6222082916+009	,2377546005+010	5399578238+015	-,2026871829+016	.1848533477+022	.6670352826+022	2140810433+029	6647666242+029	.1840505539+036	,7023356793+036
10000000000+002 SECOND KIND	REAL BESSEL	1597784380+003	,3015667017+003	.1818955124+003	2600155843+003	2224158929+003	.1797230091+003	.2551195209+003	<b></b> 6393718559+002	2452550789+003	-,6110933207+002	.1694244794+003	.1444146279+303	-,4450025852+002	1392396788+003	6372532187+002	.5394280659+002	.8663186855+002	.3328569278+002	2937430655+002	-,4707369568+002	2430845926+002	.5045598981+000	.5353555250+000	.3345718507+000	.9386851924+000	4473561260+004	9174116865+004	.2149393421+009	93082 33116+008	.9177816590+014	.1174057687+016	1131474732+022	-,8352290223+022	.2464985330+829	,1696868008+030	1799934992+036	1423004405+037
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IMAGINARY	IMAGINARY BESSEL	-,1597784383+003	.3015667003+003	.1818955125+003	2600155827+003	22241 <sub>0</sub> 8927+003	.1797230075+003	.2551195201+003	-,6393718407+002	-,2452550773+003	-,6110933296+002	1694244769+003	.1444146272+003	-,4450025576+002	-,1392396756+003	-,6372882260+002	.5394280146+002	.8663186404+002	.3328369497+002	2937429709+002	-,4707363642+002	2430846108+002	.5039368538+000	.5351238704+000	-,7168715791-003	1073857452-003	-,2545660069-007	1620777774-007	,3785755741-012	.1184681204-012	-,4432699079-018	-,9853067027-019	, 27.6650660-025	.1563842107-025	-,4721734786-032	-,6068660492-033	.5688454520-039	,7020267868-040
X = .300000000000+002		<b></b> 3094546004+003	-,1674642917+003	.2853358136+003	.2011698881+003	2248890463+003	2418724102+003	.1253016201+003	2575745045+003	.1974845025+00n	2157804242+003	-,1115815531+003	.1099049057+003	.1542005737+003	.1687058855+002	-,1029406846+003	<b>-</b> ,8794762555+002	.4427124338+001	.6374196351+002	.5085264411+002	.3572961374+001	2831354160+002	8752294514+000	Z660704767+000	9218645537-003	4872103131-003	• 6552356626007	.1714608798007	-,2525742448-012	2195947165-013	.36388g1076-019	**2752635591**019	.2669026915-025	.1131448797-025	3055966545*032	7890970190-033	.3000622383**039	.7565807014-040
REAL	z	0	+	Q	ĸ	4	ນ	9	^	ω	ø	10	11	12	13	14	15	16	17	18	19	00	30	31	0 #	t <del>†</del>	30	51	60	61	70	71	80	81	06	16	ρ̈́	100

	ES.	<b>*</b>	126416632	101	\$04 104	1275111906+041	.1116187704+042	635+04	-,9930080392+041	521+	50567532	.1229358690+040	7004028950+041	979090174	เก	.7504817386+040	-,4186498214+041	72389999	.5023642205+041	.8784332064+040	207783402	798413667	.163929801	477440203	-,631735	281234285	-,1075023743+036	.7338044310+036	.8421642903+034	1491075	40293377	12937588	89390277	951118	8479196055+040	239315274+04	5679543	•6386489863+044
1000000000+003 SECOND KIND	REAL BESSEL	ナコトルナロナロウロト	701739912+04	41996187+84	57350229	67136151+04	58640+04	40+4	5855310252+040	2+04	.1005153552+040	.7757378997+041	<b>†0+</b>	6258944283+041	+0+	.4840473601+041	.8273942872+040	3579231633+041	8882723897+040	.2522769823+041	.8469945585+040	1688408693+041	.7717322318+039	.1279407986+040	.3424091693+038	4082264643+038	1182944732+037	1631798414+036	87879470+0	.4723099384+034	<b>M</b> )	918060648+03	054066+	ĸ	.2636758224+041	0	1916041	.5430772419+044
! !! ×	Z	>	<del>-</del> 1 (	N	n,	#	ഹ	9	~	60	6					<del>すて</del>	15	16	17	18	19	20	30	5	40	41	20	51	9	61	70	71	80	81	90	91	66	100
IMAGINARY	AGINARY BES	*0.46*Q#QCC12	701739912+04	136618/+84	57350229+0	7136151+04	52958640+04	.1057711487+042	585531	9234763342+04	1005153552+04	+0+	.3241620249+04	-,6258944283+	6406240128+04	*4840473601+04	.8273042872+040	1	8882723897+04	.2522769823+04		1			.3424091694+038	ı	ì	•	.9134640517+0	.4875487981+0	.2575273219+0	491297639+0	1350+0	~	2	50926053+0	08152982+02	-,4915084915+022
× 11 11	EAL BESSEL	152924115404	264166329+04	601705550+04	209398210+04	275111906+04	1161	299	99300	339377352	850567	1229	700	60626	534	504	186	8723	023	781	220	186	639	771	31	81,	075	338	33232688	1872	2438	39255843	63397937	587903640402	17986931	616801	497965186+02	647850945+02
REAL	20	Þ	<del></del>	N	ю	4	ιυ	9	۲-	œ	ø	10	F F	12	13	<b>†</b>	12	16	17	18	13	50	30	31	40	++ **	20	27	9	61	70	71	80	81	90	91	66	100

	MAGINARY	000	000000000		000	000000000	300000	300	*000000000	• 0000000000	• 0000000000	.0000000000	.0000000000	*0000000000	• 3030000000	• 0000000000	*000000000	• 0000000000	•00000000•	0000000000	•0000000000	0000000000	• 0000000000	.0000000000	0000000000	000000000	000000000	000000000	_	000000	000000	000000	0	0000000	00000000	0000000	• 0000000000
•000000000 SECOND KIND	BESSEL	29932057	86151066	777777777777777777777777777777777777777	1999734855	6971131965	196439836	.5856548943-002	1808701896	1200613539-001	.1352468751-001	.1768650414-001	<b></b> 5388895605-002	2038095195-001	5616818446-002	.1712319725-001	.1623320074-001	6409284759-002	2071970007-001	8923293294-002	.1375953130-00î	-,2241226812-001	-,1284270942-001	.4978797221-004	,1538890151-001	-,4190000150-001	5199406389-001	-,2199701186+001	-,4105673109+001	3768476574+004	9019494907+004	5419583184+008	-,1552882215+009	7400210+0	8185287+01	036520168+01	1125692891÷019
;; ×	EL N	0	<b>-</b> (	V K	) ನ	. rv	φ.	_	æ	ው	10	77	12	13	<b>†</b>	15	16	17	18	19	20	30	31	077	47	20	51	9	61	70	7.7	80	81	96	91	66	100
002 IMAGINARY	IMAGINAPY BESSEL	0000000000	00000000	000000000	0000000		0	00000000	000000000		0000000000	0000000000	00000000000	00000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	.0000000000	.0000000000	0000000000	0000000000	0000000000	.0000000000	.0000000000	00	•000000000	õ	00	õ	0000000000	0000000000	0000000000	000000	0000000000
X = .50000000000+002	변	-,5247497074-002	1940427051-03	08324	4136123 440044	0-000//*60CT	3101143	1904001	87374	162249	150392	9908454236-	1959711043-	1098990	196564	112908	126561	196438	1094592	188338	157850	149467	187038	2606336	21825082	1882910737-	1381865	1339715305-	82107693	3415523	17013535	9250973	0006887	33319749	900233244-0	828251339-02	19012263
REAL	z	-	<b>v-1</b>	N F			) vc	^	- 00	σ	10	+ +	12	13	41	15	4	17	18	19	50	30	31	07	41	20	÷5	9	61	70	7.1	80	8	06	91	66	100

	MAGINARY BES	861511342-00	49378427-00	686050472-0	982320727-0	026747049-0	991369823-0	5271602-0	0693885-	11221394	68579432-0	.1498156911-004	992787	-,1908762001-004	771105	.1869590923-004	*1±09624333±004	1160391063-004	05459	1464201578-005	,171503851	.147022985	.604651474	.141929354	,153490720	.128768899	100940620	121738244	-,146603154	-,289133316	374362701	-,921959429	-,685748708	76791	53005	-,2027720062+011	24441825	1970236572+016
1000000000-002 SFCOND KIND	REAL BESSEL	-,1929933	.4861512702-0	.1959102106-00	-,2902410589	-,1999735848	-,6971139391	.1984399333	,5856552184	-,1808702756	1	<b>.1352469368</b>	.1768651271	-,5388897749	2038096139	-,56	.17	.16	<b>49*</b>	. 20	1		Ą	ı			ł	\$	2199700646+001	-,4105671998+001	-,3768474637+004	-,9019490011+004	5419578733+008	552880889+00	-,3977395563+013	-,1318183698+014	036615569+0	1125691141+019
11	z	0	1	N	Ю	7	(U	9	7	œ	σ	10	₩ ₩	7,5	13	74	13	16	17	18	19	20	30	31	40	41	50	21	9	61	70	71	80	81	96	16	66	100
-602 IMAGINARY X	INARY BES	1940427377-004	471326867-00	964926825-00	8233558-0	565-00	778-00	296-00	61798699	1764472990-00	•	1291630049-0	.1741725328-	-,4813206165-0	1962788517-	5787038727-0	.1604338771-0	1559393256-0	5584331223-0	1922794980-0	8628151533-0	.1220418266-0	-,1780704581	-,1047579036	-,9743866847	.7730300842	5010448991	-,4457702596	- 92	-,4939017324	37152	216557056	679466058	283967452	009730389-01	1511554024-019	0922326-C	1769845
X = .5000000000000+602	EAL RESSEL	247	<b>Ე~</b> Ს208 <b>Ⴧ</b> Ⴙ0₦6	083242487-C0	981260450-00	3094	.2004831045-00	310115	1924201123-00	8873753770-00	16224	150392	99084	19597	10989	19656	11290	12656	19643	10945	18833	15785	.34641.	.18703	26063	,21825	18829	13818	133971501	8210	5341549839-0	17013	2925095052-0	1000687933**0	333193803-01	900	828245805-0	019010749-0
REAL	z	0	₩	ત	n	a†'	ເດ	9	~	80	φ,																		9									

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	æ ≻	.4861578627-00	.1949410809-00	-,3686098132-	1982353390-	.9026764570	.1991402163-	.3475340501-	1890723938-	9112370852-	.1568603585-	.1498181297-	9280062099-	-,1908791766-	3177874473-	.1869618797-	.1109641753-	1160407242-	1854081693-	1464232308-	.1715062032	.1470250582-	.6046539292-	.1419307444	.1534915851-	.1287695170-	-,1009402956-	-,1217377324-	6017462-	891303098-	-,3743558433+002	9416603+	1716+	04708611+	022289078	027636442+	244148042+	1970132408+017
00000	REA	١	. 4861714558-002		,	9	1			3	1			3	ı	•			1	ı	•		ı	1			1	1	i	4105562057+00	3768282926+00	9019005295+00	5419138677+00	1552749567+00	-,3976935546	1318026427+01	3036160271+01	-,112551
); >:	ELN	0	=	N	ĸ	t	വ	Φ	7	80	9	10	=======================================	12	11	ナ で	15	16	17	18	19	20	30	31	0 77	41	50	51	60	61	70	71	80	81			66	
-002 IMAGINARY	IMAGINARY BESS	40459664-00	71387622-00	59359-00	61532-0	387215-0	96349521-0	1445840-0	179981533	1764500644	1211893882	291649467	1741753065	4813269117	1962818474	5787136757	.1604362036-003	.1559416778-003	5584402074-004	192282237	28280668	.1220434280-003	1780722988-003	1047589675	8097	*7730345669~004	60064	-,4457708177-004	52004-	-,4938984458-006	5307960902-009	523182-	377338-	5935151-	009554271-0	11499107-	560619119-0	9761636-02
×	EAL B	247720	94052489000	083405218-00	981358548-0	30950266300	00492887700	.31013	24293014-00	8742	6225	5039	9088	195981	109861	9657	1291	12656	19644	10946	188346	578571	494684	870439	606381	18254	882905	381862	339686	820911	34129	1700264	9248	000608408-01	32828204	899100811-01	827697892-0	18850916-02
REAL	z	Ģ	<b>+</b> 4	ત્ય	ю	<b>3</b> 7	ល	φ	7	ω	σ	10	77	12	13	4	12	16	17	18	19	20	30	31	047	41	20	51	90	61	20	71	80	81	90	91	66	100

		68309851-00	952650666-00	690865865~00	1283	028511211	994637720	234306	-,1893730753	-,9128070063	.1571019957	,150062117	-,9293490672	-,1911769681	-,3194228367	.1872407523	.1111384612	-,1162025851	-,1856792247	-,1467306898	.1717414926	.1472324271	•6048897055	,1420697365	,1535781044	,1288313000	1005078074	-, 1216865555	1464609882+000	2888297545	36704955	01658970	837773398	998783964	8222414	019285547+01	1717179+	-,1959733717+018
1000000000+000 SECOND KIND	REAL BESSE	1939687128	.488191370	.1968955061	2912892702	2009679798	7045489677	.1994092019		i	i	*1358638602 <del>-</del> 001		1	1	1			1	ı	1		ı	•			ı	1	5	-,40945744	374913078	89705840	389	6379	3931030138+013	1302333212+014	9075244	-,1108236375+019
!! ×	EL N	0	ᆏ	ત	ĸ	7	വ	9	7	Φ	σ	10																				71		81	90	91		100
IMAGINARY	Y BESS	9957-00	3475-0	4389-00	2501059615-00	1997653812	1099425983-00	+4	6191144553-00	-,1767267319	1213917087-00	4		•	ŧ	1			•	ı	1		8	i	+.9743988434-004	.7734829482-003	5011567316-003	-,4458266210-003	-,9250034543-005	3	1	2213137068-00	3670511113-01	1280707173-0	-,4991959705-01	06012981-01	530338124-02	1761364691-02
X = .50	EAL HESSEL	26986	956219049-00	099688573-	1991176406-	1311982726-	2014720086-	3120335359~	1933489532-	8920	1630	15	9951	1969	1064	1974	1134	1270	1973	1103	1891	,1585	.1495	,1875	610	,2186	1882	1381	336	8045	3162	1592	90257	926654850-0	29633	7871	773030320-0	003912386-0
REAL	z	0	<b>ન</b>	Q	n	#	ល	ø	^	Φ	S																											100

A F	X = \$50000000000+002 FIRST KIND	IMAGI	i ii	5000000000000000000000000000000000000	
	REAL BESSEL	IMAGINARY BESSEL	Z	REAL BESSEL	IMAGINARY RESSEL
	-,5816064493-062	-,1011494599-001	0	-,2178758069-001	.2516570284-002
	-2190186756-001	2313128495-002	ત	.5379853186-002	1015091529-001
	4500696099-002	1024058002-001	Ŋ	.2210424366-001	1903748737-002
	2234165261-001	-1284672643-002	ĸ	-,3167746282-002	1032916909-001
_	-1371379124-002	-,1038914102-001	ŧ	2253322441-001	.4533752570-003
ທ	- 2256977759-001	-,5876539902-003	ເດ	8886445479-003	.1037021273-001
_	<b>3592182751-002</b>	1021022152-001	Q	.2231492997-001	1825888599-002
	2160935954-001	.3232707406-002	^	.6685199374-002	-,9837516144-002
	1006464524-001	9175684676-002	Ø	2028006110-001	-,4756794753-002
	-,1815652811-001	-,6317911881-002	σ	1356355921-001	.8151422330-002
· c	-,1693943038-001	6706130310-002	10	.1509545165-001	.7802489144-002
	1101451580=001	.9063066488-002	<b>~</b>	,1987024778-001	4811310004-002
! C	2596391510-001	2486874878-002	22	5933921801-002	-,9924076447-002
	- 2122321018-00¢	-1019657100-001	£	2278729659~001	-,1798987083-003
	2192031851-001	3018837497-002	14	<b>-</b> ,6369016612 <b>-</b> 002	.9703901761-002
	-1267378277-001	8318695193-002	15	.1903735932-001	.5770662357-002
_	1401178824-001	8097343213-002	16	.1813522466~001	6008429019-00S
	2186720115-001	-,2882514489-002	17	7029656182-002	-,9616148478-002
_	1313897687-002	-,9961846497-002	13	-,2298818566-001	7714045255-003
_	-,2082130377-001	- 4478792945-002	19	9974192425-002	.8875270543-002
0.0	-,1751795963-001	6306347381-002	50	.1513987328-001	.7615632503-002
0.00	-,1523573787-002	-,9137762540-002	30	2419779624-001	,3055225673-003
	- 2007909329-001	5373187742-002	4	1389483294-001	,7273291939-002
( C)	2718744719-001	4872027000-003	40	2378264960-004	.7784259540-002
	2271773096-001	.3922111290-002	<del>-</del>	.1592813809~001	,6516689824-002
20	-	- 2519207268-002	50	4174746075-001	5006090150-002
2 4 5	1373517305-001	- 2235881346-002	27	5154197631-001	-,6022500589-002
09	.1267043985-003	-,4559485079-004	9	2066640670+001	-,7154005494+000
1/2 C	5411259680-004	- 2428124488-004	61	3832128682+001	1408075147+001
202	4718795916-007	- 2558595359-007	20	3296229052+004	-,1786587954+004
77	1902577607-007	-1065916376-007	77	<b>7826929387</b> ÷004	-,4389128774+004
i e	2377451288-011	-1729528265-011	80	4348083010+008	-,3187833782+008
) d	8058421388-012	-,6018881752-012	81	-,1234005328+009	-,92931633934008
	2448696017-016	- 2287884363-016	90	-,2875205554+013	-,2716730724+013
) (C	7191919200-017	6881777951-017	15	-,9419578067+013	-,9117519926+013
· **.	2521110300-021		66	1961745737+018	-,2294860758+013
00	.6621457867-022		100	7172928423+018	-,8590587952+018
			1		

	33	002 IMAGINARY X	1	.1000000000001	
				SECOND KIND	
Z	KINK! RESSEL	딥	z	REAL BESSEL	IMAGINARY BESS
ద		3-001	0	2989178642-001	.5569029057~002
<b>-</b> -1	3003541C47-001		ਜ	.7040819717-002	.2293278155-00
cy	358334101,65-002	<b>=</b> 4	Ŋ	,3028556035-001	4185166725-002
F)	3057229910-001	C)	ĸ	-,4005007673-002	;
#	-,1546895344-002	₩	≉	3078184968-001	•
ស	-, 3076639916-001	€.	រោ	1536801033-002	
43	1、5分割のできのおうが一つのの		φ	.3034121448-001	•
ţor	2029228856-001		<b> </b> ~	*9400467111-002	ĭ
⇔	1395269673-001		හ	2738970370-001	
G)	N		Φ	1863596193-001	.1824166377-001
0	2311656969-001		10	.2017228849-001	.1756838720-001
yol pel	14579458654001		다 다	,2695742006-001	1069651198-001
<b>₩</b>	.2963332567~001		건	7678464880-002	2223890624-001
53	. 2856944568**003		13	3057281728-001	-,4952490855-003
<b>₹</b>	2923284849-031		7,	8818908809-002	,2164152426-001
S.			<b>5</b>	.2520895403~001	.1294005589-003
0	44		16	.2428181845-001	1330943145-601
ing For	2903696455-001		17	9013747440-002	-,2140037650-001
ಐ		2210192287-001		-,3028943334-001	i
CY. Seed				1336497517-001	Ð
0				.1956285475-001	٠
30				-,2983800484-001	•
504 400				1720783549-001	4
0	~ 3065961548-001			2314579805-003	
19	-2545643162-001			.1760681300-001	
:: 2::	.1872704064-001			4132159502-001	-
 33	1347564052-001		51	5023220472-001	1166359597-001
09	1053877795-003		68	-,1669090989+001	-,1328959136+001
£0.	*521432N992-064		61	3059134541+001	-,2599342088+003
Š	700-0700582792	۴.	70	2015747829+004	3093451991+004
, ne Por	,1155955637-007		71	-,4609653012+004	-,7539815864+004
න න	.9194097091-012	<del>-</del> 1	80	1597348603+008	-,5062030262+008
₩ ₩	2899990848-012	તા	81	-,4202640859+008	1461575680+009
9	,23155191917	-, 3397864379-016	90	-,2210365250+012	i,
M,	\$4474202799-018	3-01	4	4223366789+012	ì
60	5572880277-022	~,3876916517~021	<u>م</u> .	.4610067768+017	2931033356
33	1720557041-622	0-05	007	.1960091036+018	-,1082133551+019

REAL	X = .500000000000000 x	002 IMAGINARY X	11		
	FIRST KIND			-	
z		IMAGINARY SESSEL	2	REAL BESSEL	IMAGINARY RES
ဗ	wei	-,1958030901+000	0	1967448808+000	.4076407652-003
14	1973204495+000	.3681294060-001	<del></del> 1	.3711231724~001	.1963802002+000
₹4	.291524935b=001	1972961057+000	N	.1982591996+000	-, 2889040538-00
め	1990547115+000	-,1697981432-001	Ю	1718479393-001	- 1980735894+800
4	-1242678B55-002	ખ	#	1989985908+000	.1115739399-002
ល	-,1971468758+000	-,1854547990-001	ιΩ	-,1851847065-001	.1961322266+000
Ġ	4173013137-001	1913403166+000	9	.1923594826+000	.4163500396-001
1	1833617592+000	,6746685523-001	۲~	.6770535728-001	-,1823559123+000
α	.9533129154-001.	<b>-</b> 1678841905+000	හ	1688501028+000	-,9493121487-001
ø	-,1476528347+000	-,1224049445+000	σ	-,1229788110+000	.1467628921+000
11	- 14×4572824+000	1181827521+000	10	.1189515953+000	.1477072034+000
1	.8255691601-001.	,1681359453+000	11	.1690504018+000	8196157119-001
15	1816733339+000	-,3884725418-001	42	-,3921332888-001	-1806252302+00
5	97.15149131-002	- 1820592484+000	13	1831874161+000	-,9199264752-002
#	-1708912492+000	5881781491-001	けい	5905604987-001	.1697614645+000
10	-, 1058370150+000	1421416038+000	15	,1431712663+000	.1052599452+000
16	1002349804+000	1427064732+000	16	.1436021989+000	-,9942752953-001
17	.15e1265235+000	-,4433796105-001	17	4481058335-001	1649804737+000
<b>3</b>	*1748795340-001	-,1666794293+000	18	-,1679527653+000	1751983603-001
19	1458578312+000	-,7778869507-001	19	-,7825355137-001	.1446315469+000
2	-,1272215200+000	. 49" 2023371-001	80	,1003894481+000	.1262789556+000
30	-, 395055329u-002	-,1159602726+000	30	1219925107+000	.3568644580-002
3	- 9482338303-00°	6871367002-001	31	-,6971833534-001	.9287929412-00
0.5	7A12227425-001	-,15483955AB-002	40	<b>6285916597-003</b>	.7385822573-001
44	30.5	.3854804792-001	41	,4215961215-001	.5744375428-00
Ş	.1681140670-003	-1804884567-001	20	-,3942692150-001	-,2195240297-00
51	9819372465-002	1474719606-001	21	4001888999-001	2403566302-001
S	-,7731622744-004	-,1411885203-003	60	,7497575620+000	-,1623150695+00
61	461969111H-004	-,6749786531-004	61	.1737798772+001	2872340008+001
7.0		-1041166076-007	70	.3093974085+004	5140825810+00
77	2580580414-	-,2103319759-008	71	.7485282100+004	5892305261+00
S	2842948041-01:1	.2059788301-011	80	.3580949616+008	.2718560551+008
81	-,91756A3374-01P	.7767124268-012	81	.9623963204+008	,8548184413+008
90	- 841322588H-017	.3956393406-016	90	.5717208250+012	.3216454767+013
T.	-,1657120171-017	1191435823-016	91	.1120169381+013	.1075503240+014
66	1926495974-023	.4288454R30-021	۵. 0		.2207365611+018
100	.5910428412-028	,1105020168-021	100	4625433738+018	.7869584284+01

	IMAGINARY B	4140442424	.2549406123+	2173037918+	-,2110416321+00	- 259548294	.199397137	.662436221	173404758	-,111141917	127065152	,147956777	-,595866431	**160315425	194504.147	.134366808	.880482811	692440959	-,118095784	-,139697506	,921864886	.755830198	,852777598	,268547476	. 450310484	,100978282	,252239373	.146731958	-,109595836	·· 344781593	192659951	,755598576	* 666666899	-,312710692	-,327186380	7893081	,301118981	113690804
10000000000+002	REAL BESSEL	1				i	1			ì	i			i	1	•			ì	1	•		1	ł					\$	ı			•	ŧ		.1289524508+013		
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Imaginary	AGINARY BES	154868204+00	049404640	136121623+0	008737194+0	20657	449414	8862	T.	1530138047+00	1315434557+00			204(		ŧ			\$	1	1		1	•					1	*				5639035449-61	2165756224	5134359592-01	3349764129-02	656273517-0
× 5	EAL RESSEL	00+55555569 <del>8</del>	214940613	173039273+00	2110416329+00	5964A2922+	19939713864	6624362212+	17340475964	1111419172+	1270651533+	1479	5958664395+	1503154261+08	19450	1343	880%	4669	1180	1396	9218	7558	852	.26A5	.4503	1609	528	1467	8122	3016	3408	1192	2121	742274	1723985773	6565708993	1372495197	15757A0151-02
REAL	z	Ó	۳đ	N	F	∌	功	40	<b>~</b>	Ø	σ	10	11	12	77	1 #	, L	16	2	18	61	50	30	31	C 7	41	50	S	9	51	20	71	80	8.	06	16	55	100

		IMAGINARY RESSEL	Thotopia / Tooka	.7909127613+U41	##04C0KC/0C#00*	- 1453/24661+041	-,8565089756+041	.6507631524+041	.8119873694+041	-,5550724100+041	-,7512602021+041	.4364438112+041	,6757201401+041	3165246177+041	-,5883216017+041	.2058035131+041	.4935769255+041	1122393288+041	3970901357+041	.4042791895+040	.3047373713+041	.8563153591+039	<b></b> 2217236728+041	.1250417930+040	.2137720757+040	.1357133747+039	-,5702673150+038	2112703862+037	-,2877711544+037	5516140284+035	-,7125756847+034	,1589269032+034	.2107631217+034	.6874693439+036	.1204053108+036	.4502777404+639	2259443015+039	.2923610198+042	,6187328741+042
1000000000+003			•	i	•		ł	ŧ		,7835959327+041	ŧ	3	_	٠	-,2594447218+041	ł	.1565054352+041		7346784835+040	3500452608+041	.1314169453+040	.2617879697+041	*	ì	٠	٠					i		•		-		ĵ		i
) }! ><			9	<del></del> 1 (	N i	r)	<b>#</b>	ស	9	~	Ø	٥٠	10	ببر جر	12	13	14	15	16	17	<b>8</b>	19	20	30	31	O 7	41	20	21	60	61	70	71	80	81	06	93	99	100
IMAGINARY		IMAGINARY BESSEL	-,8009060812+041	- 8925493024+041	,7/12135853+641	.8725900704+041	-,7052082032+041	8363089195+041	.6102634534+041	7835959327+041	-,4966390082+041	-,7151959977+041	3759446531+041	.6332543651+041	2594447218+041	5415345169+041	,1565054352+041		-,7346784835+040	-,3500452608+041	1314169453+040	.2617879697+041	,2502552482+040	-,2605991296+040	.7297966736+039	.1016349208+039	.1081113136+039	,3988939850+037	<b></b> 8784727149+036	5480556727+033	3328415120+035	-,22751154484033	-,1518650330+033	6241042350+030	2128659938+030	-1094065641+028	-,1130219155+027		-,6931765137+024
200+0000000000* = X	FIRST KIND	REAL RESSEL	*3965178206*041	-,7909127613+041	8845875905+041	*7423724661+041	.8565089756+041	-,6607633524+341	-,8119873694+041	.5550724100+041	.7512602021+041	-, 4364438112+041		3165246177+041	.5883216017+041	- 2058035131+041	- tc35769255+041	1122393288+041	3970901357+041	4942701895+040	3047373713+041	-,8563153591+039	.2217236728+041	-,1260417930+040	-,2137720757+040	-1357133,47+039	5702673150+638	.2112763762+037	28777111659+037	.5516537769+035	.7144093005+036	.2160462610+033	- 95696634334032		3951,6282334030	-, 9396312027+626	53140241674027	1332146855+025	-,1313259352+024
EAL		Z	0	<b>+</b> 4 :	N	か	<b>3</b>	ហ	Φ	1-	Ø	Q.	10	**	2	10	3	15	16	7	18	6	202	S S	37	Ç	#17	30	yd y)	60	19	20	7	0	100	6	5	66	00

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.0000000000	REAL BESSEL	8623188723-002	200-125242426	.4538798951-002	9090227385-002	.5720678486-002	.9499502019-002	2485743224-002	9872363502-002	.8074414285-003	.1002577737-601	.1297971820-002	9727243855-002	3729782784-002	.8720202503-002	.6258641510-002	6780023635-002	8496049309-002	.3806406377-002	*9904419669**005	.5631729379-004	-,5412929349-002	9967036473-002	7048426407-003	9830093513-002	.1074782297-001	,4999376527-u02	1008947352-001	2300427244-002	.1087351322-001	.1115583327-001	4	246510169-03	.1410253654-001	6506800	885459438-00	-,2298385049~001
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X = .100000000 )+003	EAL RESSEL	26411-0	ָנֻייָּטְ מַנְייִ	200-20014400344	=	3200148	315754	9700629	1702450	<b>#00666</b>		368466	248391	932797	500247	787726	244447	54206C	934163	196419	101076	870062A	245345	104341	364374	.5797140882-003			110231	76739	43024	£61666	5478	613460	A557718	27658222-1	088047701-90
PEAL	2	ο.	+ <del>1</del> (	<b>U</b> F)	<b>3</b>	ស	φ	~	ಡು		07	Ħ	12	5	74	<b>.</b> 5	16	7.7	18	13	20	30	33	Q ty	4 1	20	51	09	φĮ	7.0	71	OĐ	<b>1</b> 2	90	36	66	100

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	INARY RES	.4977425324~	.8722738683-	-,4714249936-	,8954064921-	.4084288230-	.9313469653	-,3055713820-	-,9698363091-	1597230740-	.9953109291-	.2953941600.	~,9870022373-	-,2562513973-	.9205075759.	.5037814009-	-,7718821097-	7411246750-	.5250735581	.9219268016-	1825522705-	-,9892594616-	-,8343158943-	,222347798	-,9548158027-	3423797728-	-,3745349891	8148148169-	.3753257253-	.8663209520.	.3544374313-	2841313498~	11757217-	-,6575696025-	58397249-	0891022-	-,4317802001-	******
=10000000000-002	REAL BE	623193084	.4977426925	,8772515889	i	9090231962	.3720880248	.9499506779	2485744363	9872368419				1	1			ı	1				i	319967040984~002	1	ł			1	1 -,2300428	0 .1087351	1 .1115583602-00	.1169783608-00	1 .6246511283-00	0 .1410253779-00	5-00	99 1885459443-00	
IMAGINARY X	TMAGTNARY RESSE	673826749-005	4890180691-005	8817930020-005	4446882468-005	9122971492-005	3622053471-005	9511178705-005	2381495429-005	9853852067-005														9485743802-005											5861238765-005	6480577177-005	2263339430-005	
×	12 10 TA TA	. S.	8673929672-00	4803443965-00	301866-	417946	92961	315750	90026	170	99900	19565	99469		93279A	5002¢	787726	244447	5420604	9341636	1964198	101076	870063251	245345	104341126	43383	797142115-	573868735-	48764705	1102317	4767400290-	4305480767-	5616666872-	15478	586184	585577	1327	
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IMAGINARY RE.4977504557-0.8722884135-0-4714324736-0-8954213892-0	,4084352459-0 .9313623994-0 -,3055760889-0 -,9698522934-0	11 1	7411367752-0 - 5250816883-0 - 9219416011-0 - 1825548644-0 - 9892760874-0	- 9548289544 - 9548289594 - 3745378514 - 8148246104 - 3753295586 - 8663298131	2841336468-004 3111776402-004 6575733071-004 .2958403086-004 .2960864115-005 431796573-004
H 1 1 1		i i			.115510876-001 .1169804298-001 .6246621624-002 .1410266121-001 .1565080718-001 2298383464-001
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IMAGINARY BESSE 8673971453-004 4890258453-004 4446952775-004	-,9123123504-0 .3622109973-0 .9511335920-0 -,2381531315-0	1 1		-,9465885346-10 -,5299066596-10 -,9284123496-10 -,4398751172-10 -,4398751172-10 -,4398751172-10	.785/408448-504 .7054534812-004 .5861257445-004 .6400594176-004 2265344075-004
FIRST KIN REAL RESS 506390092 867426376 480367286	4179661270 9290615675 3157693158 9701114545	2005422 256775 256775 256775 256775 26775 27725 27725 27725 27725	30464 303420 303420 303420 303420 303420	24555341800 3643961505 5797263986 9574212609 4876615509 4167259884	0557753-0 16757753-0 54601685-0 51904930-8 55755254-7 27659112-0
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	NARY RES	985431668-0	737436745-0	21808393-0	69118505-0	090778317-0	29065762-0	50469974-0	714515185-0	599548446-0	9	962080952-0	886209610-0	567031684-0	220015096-0	046310902-0	731175410-0	423473959-0	58950932-0	234222713-0	828143607-0	9	55914098-0		61472266-0	28734414-0	748241960-0	158043178-0	757130200-0	672162053-0	547344673-0	43634143-0	113695349-0	79438349-0	8986732-0	958172242-0	517253787-0	4358236187-003
1000000000+000	EAL BE	666839152~0	01453664-0	9-0	60587675-0	36034433-0	308582-0	547145347-0	145-0	1426-0	637-0	.1007536610-001	9880-0	1941-0	3246-0	762418117-0	289981616-0	6812286100-0	8537788807-0	23878942-0	9	57803816-0	36660081-0	001218433	068344476-0	870465571-0	078792094-0	Ö	12184954-0	0-64	090051714-0	118339336-0	171873926-0	57658214-0	.1411500578-001	66339193-00	85510612	26624-00
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IMAGINARY	w	88449161-003	898038451-0	9832774857-0	4453986861-0	9138282334-0	3627762799-0	527065306-0	2385121526-0	9870209482-0	7042807279-0	9984947354-0	9	9641759963-0	3796335899-0	8591442066-0	6273270889-0	6622193228-0	8433904121-0	3651268570-0	9	1589755588-0	5071086076-0	9500046161-	5304058552-0	8915937649-0	0-0420	04230274-0	05880916-0	1960012284-0	649059260-0	873744183-0	058570891-0	854578155-0	863125742-0	402294283-0	263808559~0	22876299
*	EAL BE	088126954	8717711682	46265A1171	8958996335	4199420877	9336861598	172327223	974913986	1709921929	1003965851	1976246619	997947685	2497118312	9373427692	502783875	7915106759	7481324927	5446053470	9387146549	1972677623	1015510980	8740622728	24635897	1047790651	3659724978	5809457051	960862096	489112559	1105726100	4780158324	4315219973	5625849094	1156683602	5867737306	5854145480	32774720	88016138
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	GINARY BE	89964178-(	547351838-0	708583-0	7508341-0	24208304-0	4066042-0	587981048-0	053534084-0	278880030-0	34813631-0	580413881-0	5139771384-0	-,1338449154-0	.4791489999	.2626421040-0	4015642862-0	-,3860299725-0	.2729232748_0	.4798777466-0	9458647728-0	-,5145963838-0	4332792285-0	.1150514798-0	-*#8#2500#0#-0	1774241525-0	1909163244-0	4198870033-0	.1925430337-0	.4444365190 <u>~</u> 0	.1809518827-0	49867845-0	0244585 <del>-</del> C	4841259-4	557000-1	9246094	152048328-(	-,2168826195-102
5000000000+000	REAL BE	-,9736681328-00	.5589806876-	.9903689256-00	5094021630-00	1025862827-00	.4169812298	.1071462649	-,27759135	1112721305	,8836308986	.1129017327	٠	i	i	•	•	i	i	٠	•	•	i	i	i	i	•	٠	i	ľ	•	,118515234	.1222401755-00	.6526764446-00	.1441563797-00	.1596956256-00	-,1886786176-	2294475228-00
⊪ ×	EL N		-	N	K	#	വ	9	^	80	6	10	17	12	13	14	15	16	17	18	19	20	30	31	0+	41	50	21	9	61	70	71			06	91		100
.003 IMAGINARY	MAGINARY BESS	1939666-002	244461554-00	596802642-0	2313278920-0	55206566-0	83211477-0	956589916-0	1236573838-0	5133863219-0	3622295008-0	191997992-0	278042150-0	5011729872-0	1977179290-0	0	0	3438402302-0	0	$\Box$	0	0	2625531789-0	4923615798-0	22093-0	4605893367-0	787449622-0	138518-0	86122-0	1005592973-0	01830015-0	014130649-0	.3578410918-002	1674545-0	954276390-0	2218000	137538991-0	-,1147769194-002
11 u	EAL AE	667300750-	9793326822	393126630-	0061A2724-	688006704-	048159751-	534024061-	093778745-	892469553-	125513555-	462968503-	119796304-	820927009-	-Tht800000	649537894-	8416A7109~	385334167 <del>-</del>	068922790-	.1050173179-	2179876587-	134198525-	718921167-	2710448640-	15440440-	50192078-	108571478-	045554850-	247590997-	188615296-	089413320-00	5515490	848267105-00	202646177-00	009242652-00	819858199-00	-40249868	087238285-0
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EAL	X 10	IMAGINARY	!! *	0	
	FIRST KIND			SECOND KIND	
z	REAL BESSEL	IMAGINARY BESSEL	z	REAL BESSEL	IMAGINARY BESSEL
0	7711519181-002	-,1021109687-001	0	1336444723-001	.5817170586-002
<b>~</b> ~}	1344053371-001	.5714298753-002	vH	.7577306412-002	.1026792645-001
N	.7306629369-002	.1037847694-001	N	.1358866363-001	5506890629-002
Ю	.138gu63993-001	5191773844-002	'n	6895187998-002	1053644980-001
#	-,6337047290-002	-,1073220528-001	ŧ	1406390375-001	.4764586742-002
ល	1436125914-001	.4220269176-002	ស	.5625275523-002	.1095256348-001
9	.4752824911-002	.1118059267-001	9	.4467057557-001	3553738041-002
^	.1496453128-001	-,2760759407-002	^	3713672000-002	1139543339-001
ထ	2504228940-002		<b>6</b> 0	1521047923-001	.1839023996-002
σ	1537053682-001	,7894218463-005	σ	.1125023056-002	.1168218098-001
10	417380796u-n03	.1169299468-001	10	.1540201831-001	.3825057811-003
11	.1525834279-001	1664985095-002	11	.2108274198-002	-,1156952179-001
12	.3922619647-002	-,1127499571-001	12	1489055649-001	-,3038381175-002
13	1424960125-001	4473646608-002	13	5822945901-002	.1077277978-001
7	7757549648-002	.1002876183-001	14	.1328943471-001	.5931020499-002
15	.1197105631-001	.7359202090-002	12	.9659298371-002	9014420313-002
16	.1144539479-001	7710530731-002	16	1026740971-001	8695270545-002
17	8169011477-002	9865656783-002	17	1301851326-001	.6111388884-002
13	<b>1</b> 426973658-001	.4229307439-002	18	.5689997949-002	.1078848254-001
13	*287408999 <del>-</del> 002	.1137755132-001	13	.1508368860-001	2098998592-002
20	.153461515H-001	.2187017258-003	20	.2002376755-003	1154818963-001
30	.1301129561-001	5838473777-002	30	7963575869-002	9677771545-002
31	-,3535914803-002	-,1098142629-001	31	1482850475-001	.25-3617625-002
40	.1511369092-001	5819478097-003	07	9140487876-003	-,1093590358-001
41	.535781702/-002	1017459068-001	41	1414900056-001	3938553354-002
50	.7088453943-003	.1048049552-001	20	.1501010144-001	4045850444-003
51	.1326442615-001	.4972535176-002	51	.7039296062-002	9174415206-002
60	0421166079-002	8983881180-002	9	1349956001	.4153463061-002
61	1461117235-001	2175625352-002	61	3143534453-002	.9586687526-002
70	6093868808-002	*8299283083-1)02	70	.1368942618-001	.3848037271-002
71	.5323134844-002	.8522689951-002	11	.1402351562-001	3080084396-002
90	.656775939-002	.7468926989-002	80	.1384744228-001	3310151868-002
81	.1350547126-001	.4057543473-002	81	.7387055669-002	6956934477-002
06	64528n4092-002	.5052192317-002	90	.1537220635-001	.3016985737-002
91	.5772352192-003	,4573811868-002	91	.1693985921-001	.2676928765-003
66	.1336246764-001	2310408001-002	66	1891356220-001	4262993859-002
00	.1084554275-001	2320248501-002	100	2283376183-001	-,4273553747-002

		IMAGINARY RESSEL	4471-0	.8829025643-001	4539035400-001	9042345		367888778-00	-,2856726291-001	701564662-00	2943641-00	887838910-0	69499931-00	7-00	0474258-00	975170846-0	099882193-00	424892764-00	1035505-0	1835620-00	1919994-	4031437-00	3527557-		4020036-0	079201807-0	965141528-0	255715004-	154464856-0	<b>333269520-0</b>	795726935-0	38908275-00	64162691-	580236443-00	67432818-00	35762854-00	51360579-00	1146967018-001	100 003020001
30000000000+001	SECOND KIND	REAL BESSEL	8825772973-001	.4744789622-001	(1)	4290387546-001	924113491	919101	288646	11301	9874220361-0	080956117	361718-0	3-0	9856-0	3918237771-001	33420-00	,6295312620-001	908-0	8312493536-001	636-0	.9462286385-001	.3256872814-002	4519739703-001	8671689933-001	3493103445-002	-,7491953265-001	0462	421886417-00	0169000-00	35485124-0	05081829-00	632749143-00	577468735-00	847958859-00	73044797	2484803-00	1993047748-001	1.001000000100
11				7	N	Ю	4	S	4)	7	œ	σ,	10	11	12	13	14	15	16	17	18	19	20	30	31	<b>U</b> 17	47	20	51	60	61	70	71	80	81		91	66	100
FAGS IMAGINARY X		IMAGINARY BESSEL	0.1	.4718728085-001	.8917092316-001	4266434141-001	-,9196410541-001	.3428927335-001	1595	-,2178356291-001	9624840732-00	24862746-00	***	5395	00-0	3900653783-001	.8311612232-001	.6264313811-001	302044808-00	00-	7-00	00-	0	00-	2-0	00-0	426938238-00	24-00	387381436-0	00588634-00	320224802-00	72068005-00	00813721-0	392613198-0	761804943-0	325061228-0	1558082-00	91686433-0	- 7747An1501-009
x = .10000000000+003	FIRST KIND	REAL RESSEL	4834409074-001	77	45642	908608	371985	9413747051-00	~	974484	140591	9938082444	4863847489-002	#	u,	9023449957-001	w	F.	1921-	œ,	903029	-+6099	-1	7341	2936	70615-00	n914	88009-00	13364-	13137-00	5900126590-00	85527165-00	27347140-00	94448815-00	79591171-00	8580	77830856-00	80404882-	しししんが ひりゅうしん
REAL		z	c	=	N	ĸ	#	S	ω	~	ဆ	σ.	10	11	12	13	14	12	9;	17	18	16	50	30	31	04	41	20	23	9	61	70	71	80	81	90	91	66	100

			8679+00	0242548+00	271168550+0	015219258+00	40112392+00	.1037620096+003	7216065+00	4+00	865177327+00	050190155+00	186125800+00	04036663+00	2+00	56359219+00	2672715+30	<b>60.3484803+00</b>	00+9	294411534+00	893238721+00	034733355+90	941779353+00	145913134+00	ŧ	99311539+00	06175903+00	533855631+00	297543944+00	538368331+00	516491600+00	580274386+00	664206921+00	845064551+00	272135799+00	99561586+00	35032411+00	94729243-0	.4365697236-001
1000000000+002	SECOND KIND	REAL BESSEL	-,9955040460+002	00+6	.1005837899+003	6+00	0+9	.3013016779+002	ŧ	9	355169+	7+0	,37406+	+	9558086134+002	705.44158+	+ 1	7	846914	3	.277 //4 874+0:02	ů	.7725n6a92c+un1	8( 64014+	66731309971002	+0	4362414433+002	+	.1241264352+002	+	500581511+0	189389249+	27292823+00	318922+0	0232+00	,5979912621+000	335	576936776-0	3591373783-001
11				-	N	įΩ	ŧ	٠Ċ	9	^	<b>\$</b>	C	10	77	12	13	7	17	17,	1 /	÷	13	200	30	31	<b>7</b>	41	20	51	6U	61	70	71	96	<b>e</b> 1	90	16	66	100
-nu- IMAGINARY X		IMAGINAPY RESSEL	955040423+002	3+00	.100583778454001.	-,3959034112+002	1026240572400	3013016758+002	.1047754773+003	3823649+00	1863	1383134400	13367	001	<b>შ</b> 880გ <sub>ზ</sub> ი86	<u>+</u>	254.36.027	.,740527	- 5 40 5 4 5 524 )69	( <b>*</b> :	77.4 ×4119	200-600352 874	30687051	+396F +048+	+	-,22967347114001	43824143194	.3631573110+002	1241264311+	1793664056+002	-,15595421554001	11+00	7+00	.1818366635+001	.30052645A1+000	5743144+00	.3962721421+000	55158582-0	-,3641580696-001
•	FIRST KINU	7	21.8	9990542	891	1015219262+60	5540112415+00	1037620100+00	2377216084+00	1054731	786517	10501	-,11861257954002	106407	345	5956359266+002	69267<735+	11-8-8-8-11	. 7001+5-5500+002	3044	485323	193474	8941779	6145015190+	1249492	\$4849311646+0NP	1706175920+	33	10	8539371	+2002c1	7	714	1845	227	1300636	2368	#	3
REAL		z	0	~	N	m	4	ស	•	~	અ	9	ĵÛ	11	12	13	14	15	16	17	18	19	50	30	31	0#	t 1	50	51	09	61	70	71	38	81	06	91	66	100

	IMAGINARY RESSEL	92109956+0	.9140010402+041	.2492818024+041	8852078239+041	2712010696+041	.8341957050+041	.3013767445+041	-,7625531950+041	3347174389+041	9	.3653246442+041	-,5691971995+041	3873414794+041	.4565761348+041	.3958524169+041	-,3413424835+041	-,3876953682+041	.2303660296+041	<b>†0</b> +	-,1303489961+041	3+04	10	<b>L</b> ··	.1430015818+040	2019117458+039	311225+0	989373339+038	1067320337+037	Ç	*7	0+6	0	4+0	.4470608097+034	8930794590+034	-	.1402942311+037
1000000000+003	EAL BE	1979607	426139210+	.9024468511+041	.2589430472+041	62401570	85547069	.8008157180+041	κ.	1.1	35	•	.37	ທ. •		· 0	in)	2	10.1	•	<b>\$10.</b>	862824161	780436464	.310443143	.548191131	•	•	•	.87	•	.297730602	.49324326094035	.539801506	.25591857	79	1170836989+035	.7913	,1856362935+036
ı́s ×	z	0	-	S	ĸ	#	S	9	7	<b>3</b> 0	σ	10	11	12	13	14	15	16	17	18	19	20	30	31	0#	41	50	51	9	Ç	70	71	80	81	90	91	Ç	107
IMAGINARY	IMAGINARY BESSE	7960756+041	2426139210+04	90244	.2589430472+041	62401570	æ	00815718	. 180106030+041	-,7197734332+041	40+9	290+04	3777404585+041	383+04	-,3935321535+041	. 1988624194+041	. 3939686038+041	-,2648892009+041	3770055862+041	.1785991681+041	.3430702449+041	62024161	-,7804364646+040	μ,	548191171	.18275ui424+040	1443098596+039	E40.41 3V	, A752043 A70+037	23231 57344+037	5	4932117785+035	サドロ+サングつついのおない.	12568747934+034	.2304410277+032	.4043705826+032	52400	-,32010992504030
×	EAL B	39210	9140010402+		.4852678239+041	271201	3419	30137	6255	34717	7292	65324	569197	4734	456576	45.85	54134	P769	23036	6203	30348	32055	8887	2394	43001	.2019117454+039	59031	89937	067320291+0	3441167578+	2950662635+0	.2010431392+036	0211	4424	1313	2506	29156	651
REAL	z	0		N	'n	ŧ	വ	9	_	හ	O'	10	11	12	13	<b>‡</b>	15	16	17	18	13	20	30	31	0#	4.3	20	51	9	61	70	71	80	81	90	91	66	100

	IMAGINARY RESSEL	0000000000	000000	.0000000000	000000	000000	0000000000	.000000000	0000000000	• 0000000000	.0000000000	0000000000	0000000000	.0000000000	0000000000	.0000000000	• 0000000000	.0000000000	0000000000	000000000°	• 0000000000	000000000	,0000000000	.0000000000	0000000000	.0000000000	00000000000	00000000000	.0000000000	00000000ū·•	• 0000000000	.0000000000	5	<u>ت</u>	0	٣	00000000	.056000000
.0000000000 SECOND KIND	REAL BESSEL	0763-00	-,8274419196-003	.5598967505-003	.8302414034-003	5540650607-003	-,8352281689-063	.5448975509-003	.8423118371-003	5322628733-003	8513603059-003	.5160870275-003	.8621981335-003	4962564704-003	8746045453-003	.4726421477-003	.8883111675-003	4451045015-003	9029996161-003	.4134995149-003	.9182990981-003	3776858501-003	.1318700748-003	.9951285719-003	.2211022528-003	-,9658057108-003	-,6276451790-003	.7463145848-003	.9444512432-003	2732112341-003	9510549881-003	3797799079-003	.4776554956-003	.9162327671-6uú	.3520113521-003	023099003-6	783311-00	9700239001-003
11	z	C	₩	N	M	<b>‡</b>	ഗ	9	^	œ	Q,	10	1	12	13	14	15	16	17	18	19	20	30	31	40	41	50	51	90	61	70	71	80	81	90	91	66	100
)04 IMAGINARY x	IMAGINARY BESSEL	00000000	0000000000	0000000000	C		0	000000000	0000000000	0000000000	0000000000	00000000000	0000000000	0000000000	0000000000	0000000000	.0000000000	0000000000	0000000000	000000000	.0000000000	.000000000	•0000000000	0000000000	.0000000000	.0000000000	0000000000	000000000	*0000000000	• 0000000000	•000000000•	• 0000000000	•000000000	0000000000	0000000000	• 10000000000	• 0000000000	.0000000000
X = .100000000000+004	EAL B	268795	61552	285541971-00	57409375H-	32466	71812-00	3851	901	46600	24621	85656	63(	6822n	930	88131	459372	5551	2981	91059	.3961272778-003	2604	3	9107	.9756714624-003	60921	779319	66590	431	629392	130314	4626	03982	47902	381941	359464486-00	397878358-00	53
REAL	Z	0	<del>, -1</del>	N	ĸ	ⅎ	ល	9	^	œ	6	10	11												40							71		81			66	

	IMAGINARY RESSEL	420577-00	42856-00	2-00	565758774	330119677-00	490737829-00	.8390425918-006	5381591456-006	8471023443-006	.5237493572-006	.8570374062-006	5057407339-006	-,8686496125-006	.4840120871-006	.8816943245-006	4584292451-006	8958780935-006	.4288505796-006	.9108562588-006	-,3951335985-d06	-,9262306554-006	.9911726347-006	1000259768-006	9746499630-006	-,2616661365-006	.7776969728-006	.6664536485-006	-,3293783631-006	9613904994-006	-,3132061110-006	.9237109878-006	.8780204730-006	-,4025244751-006	-,9339910762-006	4350239351-006	-,9354751998-006	.2510059583-006
1000000000-002 SECOND KIND		5623793567-003	8274423339-0	.5598970296-003	.8302418190-003	0-6	52285871	î	423122587-0	ີ	7321-0	0-9432	5650-0	4962567176-003	8746049830-003	.4726423831-003	.8883116120-003	4451047231-003	9030000679-003	.4134997207-003	.9182995575-003	3776860379-003	.1318701397-003	.9951290690-003	.2211023641-003	-,9658061926-003	6276454928-003	.7463149563-003	.9444517140-003	2732113692~003	-,9510554610-003	3797800977-003	.4776557320-003	.9162332226-003	5276-00	03472-00	89785030-00	9700243804-003
Ⅱ ×			-	N	Ю	#	ស	9	7	œ	ტ	10	11	12	13	7	1.5	16	17	18	19	20	30	31	0 7	41	20	51	60	<b>61</b>	70	71	80	81	90	16	66	100
IMAGINARY	IMAGINARY RESSEL	01-006	280027831-00	9.71-	3079	5532471374-006	7053-	.5440476655-006	42827424	m	518467839	5152021122-0	26480403	4953495546	-,8750100737-006	.4717111895-006	8886641400-0	4441483606-	9032914826-0	4125181150-	9185209607-0	3766803485	1308167993-006	947361539	2218973849-	-,4547128062-006	î	Ļ	.9430535127-006	ı	83750202-0	97368543-0	52221880-0	9	00-1	0872597-00	3021649-0	-,9653675695-006
X = .100000000000+004	. W	662	5615524767-00	.5285646120-00	5574095535-00	8324664795-00	5499174	8385, 75	539016	8466008	5246	8565686	506636	864221	484931	88131	4593729435-00	89555	4298196275-00	9105987176-	3961274749	9260476890	9915021884	1010717766-00	9756719492	26092	7793199444-00	6665910	3314317336	507	116362-00	9264631199	8803986741-00	904508-00	00-967976	359466557-00	014-0	5326
REAL	z	0	-	N	M	4	ເດ	9	۲	œ	6	10	7	12	13	14	15	16	17	18	19	20	30	31	0+	41	20	51	9	61	70	71	80	81	06	77	66	100

	INARY RES	4557290-0	335102-00	291354471-00	565850334-00	330257304-0	0828148-00	390564534-00	00-6966	471163380-00	.5237579702-00	.8570515628-00	5057490490-00	8686639594-00	.4840200430-00	.8817088850-00	4584367781-00	-,8958928861-005	00	00	00	8		00	0	704783-00	777097514-00	6403-00	298837553-00	063113-00	132112842-00	7261387-00	80348820-00	025310428-00	00-4642900	350310822-0	24904936-00	
10000000000-001 SECOND KIND	REAL BE	562407	8274833480-003	.5599246625-00	.8302829709-U0	5541126813-Uŋ	<b>8352699843-00</b>	.5449247109-00	.8423540045-00	•		.516112743		•	B			-,4451266613-00	9030447955-	.4135200919-00	.9183450355-00	3777046340-00	.1318765631	,9951782894	.221113387	-,9658538921	-,6276765593-00	.7463517352-00	.9444983263-00	2732247469-00	9511022736-00	3797988923-u <sub>0</sub>	.4776791360-00	.9162783151-00	.3520289020-00	9023545949-00	489955139-0	9700719369-003
!! *	Z	0	<b>#</b>	N	10	*	S	9	^	æ	Φ,	10	11	12	13	14	15	16	17	18	19	20	30	31	40	41	20	51	60	61	7.0	71	30	81	90	16	O O	100
IMAGINARY		5615284	9280164636	590757042	308076996	5532562383	8357795132	440566143	8428413479	5314059084	8518608554	5152105838	8626622888	4953576979	8750245247	4717189420	8886788146	4441556579	9033063965	4125248892	9185361236	3766865306	1308189231	9947525541	• •	54 <b>7</b> 286879	276351971	146691051	9430690270	2717338158	9483905803	3797431182	4752299497	36061755	515148133	981019399	63077919	653833454
× 11 2	יי ער פון ער פון	2692094	.5615891917-00	82860468	574371631-00	325077409-60	549944	38557	390433495-00	466427795-00	5246504213-00	566111359-00	5066615864-00	8682643504-00	849549764-00	8813581324-00	4593955892-00	8955993929	4298408078-00	9106438180-00	961469850-0	9260935468-	9915512355-00	1010756762-	7572n1442-	609373264-03	79354360	666240313-00	3314479862-00	629872426-00	3130471483-00	.9265087082-00	8804420188-09	404810	8	3596A1534-00	398343950-00	5327
REAL	z	0		N	ю	ŧ	S	9	_	α)	Φ	10	<b>-</b>	12	10	77	15	16	17	18	19	20	30	31	0 \$	41	20	51	60	19	70	71	98	81	90	91	66	100

	GINARY RES	00156-0	921553011-00	320756815-00	899933484-00	41017572-00	860836230-00	2434955-00	3954665-00	4423018-00	728858495-00	56180103-00	35007656-00	3444-00	00-	17-00	3-00	8-00	1-00	00-4	58597735-00	826620563-00	1-00	207850296-00	078417557-00	363844259-00	051850457-00	472796813-00	718321664-00	009097914-00	32171333-00	243558-00	74307770-00	96578211-00	65200131-00	266489383-0	72883537-00	.1307032515-003
50000000000+000	AL BE	6339376487-003	31908553-00	00-9	63454625-00	00-0	7496	3	S	5999677233-003	6014	.5817224289-003	2353925	5593552640-003	9863321455-003	2720896	00177436	01662198	01832153	7043	Į.	63795-	Ī	122030255-	7308	088782756-	77430804-	22557-	064623365-	50659-	1736999-	2373553-	.5379849137-003	32479970-00	.3968048061-003	0949-00	3928234924-003	-,1092613401-002
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